

Henry[®] Blueskin[®] Metal Clad

Self-Adhered Water Resistive Air Barrier

Submittal Packet

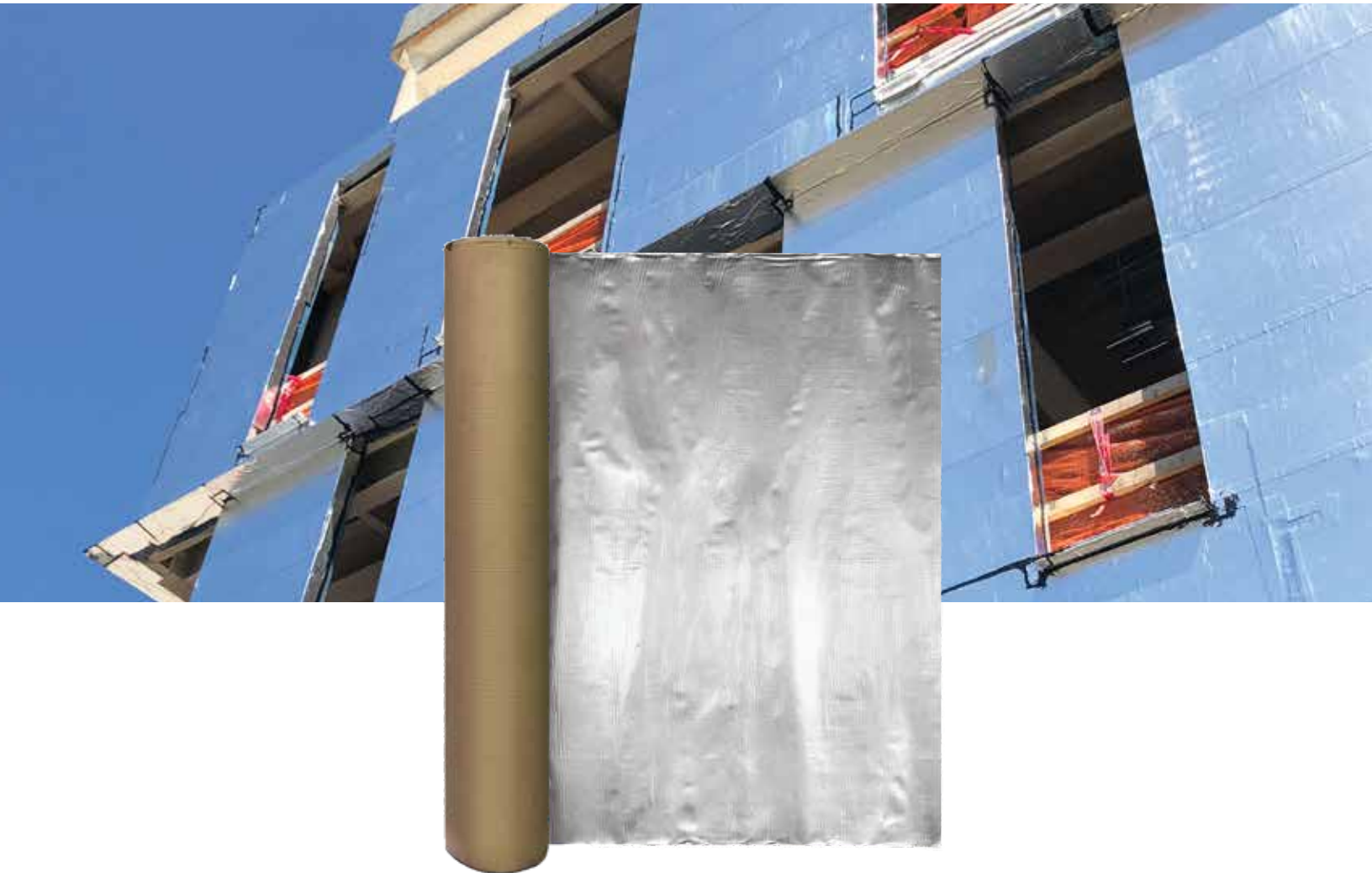


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Physical property	Typical value	Test method
Surfacing	Aluminum Foil Laminate	-
Thickness, nominal	40 mils (1.0 mm)	-
Application Temperature, min	+20 °F (-7 °C)	-
Service Temperature	-40 °F to +240 °F (-40 °C to +116 °C)	-
Water Vapor Transmission	<0.1 Perm	ASTM E96, Method B
Tensile Strength	>800psi XD >700psi MD	ASTM D1970
Elongation	>300% XD >300% MD	ASTM D1970
Puncture Resistance	>90 lbf (>400 N)	ASTM E154
Air Permeance @ 75Pa (@ 1.75psf)	<0.0006 cfm/ft ² (<0.003 L/s.m. ²)	ASTM E2178
Air Leakage	Pass	ASTM E2357
Air Leakage Rate	Classification A1	CAN/ULC-S742
Nail Sealability	Pass	AAMA 711, ASTM D1970 modified
Water Absorption	<0.1%	ASTM D570
Low Temperature Flexibility	Pass @ -20 °F (-29 °C)	ASTM D1970
Lap Adhesion, unprimed	>15pli	ASTM D3330, Method F
Flame Spread Index	5, Class A	ASTM E84
Smoke Developed Index	350, Class A	ASTM E84
Fire Testing	Compliant in various wall assemblies; meets IBC 2018 - 1403.5 exception #2	NFPA 285

Description

Henry® Blueskin® Metal Clad® is a UV resistant self-adhered water resistive air barrier membrane comprised of rubberized asphalt and dual-layers of high strength polyolefin with a surface layer metallic aluminum film. Due to its metallic surfacing, Blueskin Metal Clad exhibits excellent weathering resistance when applied to above-grade wall assemblies. This vapor impermeable membrane is available in various roll widths for both membrane and flashing applications and has a removable release liner for ease of installation.

Features and benefits

- Permanent UV exposure under open joint cladding
- Can be left exposed for up to 12 months during construction
- Aluminum surfacing offers ideal substrate for adhesion of construction sealants
- Compatible with other Henry air barrier system components
- NFPA 285 compliance: compliant in various wall assemblies; meets IBC 1403.5 exception #2
- Low temperature application down to 20 °F (-7 °C)
- Living Building Challenge Declare label (Red List Free)

Usage

Blueskin Metal Clad is designed for use as a self-adhered air, vapor and water resistive barrier. It can also be used as a flashing/transition sheet in conjunction with **Henry Air-Bloc®** fluid applied membranes.

Application

Refer to the **Blueskin Metal Clad** Guide Specification and details for installation instructions.

Surface Prep: Acceptable substrates include precast and cast-in place concrete, CMU, steel, aluminum, galvanized metal, exterior grade gypsum board, OSB and plywood. All surfaces to receive this product must be dry, clean of oil, dust and excess mortar. Strike masonry joints flush. Concrete surfaces must be smooth and without large voids, spalled areas or sharp protrusions. Concrete must be cured a minimum of 14 days and must be dry before product is applied. Where curing compounds are used, they must be clear resin based, without oil, wax or pigments. All surfaces to receive **Blueskin Metal Clad** require an application of **Henry Blueskin Adhesive**, **Henry 573 Blueskin LVC Spray Primer**, **Henry 574 Blueskin LVC Adhesive** or **Henry Aquatac™ Primer**, and allowed

Blueskin Metal Clad Self-Adhered Water Resistive Air Barrier

to dry to a tacky film before Metal Clad is applied. Coated surfaces not covered by membrane during the working day must be recoated. Availability may vary by region.

Apply: Position membrane for alignment, remove protective film and press firmly in place. Roll membrane, including seams, with a countertop roller to ensure adhesion to substrate and laps. **Blueskin Metal Clad** must be lapped a minimum of 2" on both side and end laps. When using membrane with brick ties, position membrane, press in place and cut for ties or projections. Seal around openings and at leading edge at the end of the day's work with **Henry 925 BES Sealant** or **Henry Air-Bloc LF Liquid-Applied Flashing**. Detail work must be carefully carried out to ensure continuous air tightness of the air barrier system.

Membrane applied to the underside of the substrate (i.e. ceilings) and extending more than 6 inches (152 mm) onto inverted surfaces require mechanical fastening immediately after membrane installation.

Limitations: Avoid contact of rubberized asphalt compound with flexible PVC/Vinyl membrane or gaskets. Do not apply Metal Clad onto flexible PVC or other single ply roof membranes.

Product size/packaging

4" x 66.7" (10 cm x 20m)
6" x 66.7" (15.2 cm x 20m)
9" x 66.7" (22.8 cm x 20 m)
12" x 66.7" (30.5 cm x 20 m)
18" x 66.7" x 66.7" (45.7 cm x 20 m)
36" x 66.7" (91.4 cm x 20 m)

Storage

Store rolls in original shipping containers until ready to use. Protect from water, high humidity, heat greater than 120 °F, direct sunlight, and other contaminants that would inhibit adhesion. For best results, if ambient temperature is below 40 °F or product is exhibiting stiffness in handling, store in a warm room until product warms to workable condition.

For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on the Henry® product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing Henry® Product Support at productsupport@henry.com or by calling 800-486-1278.

Henry, Blueskin, Air-Bloc and Metal Clad are registered trademarks of Henry Company.

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. Henry® Company data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.



Physical property	Typical value
Color	Aqua
Solids by Volume	53% (approx.)
Weight	8.3 lbs/gal (approx.)
Application Temperature	25 °F to 104 °F
Coverage	Up to 500 ft ² /gal depending on porosity and texture of surface
Maximum VOC	50 g/l
Drying Time	@ 50% R.H. 68 °F Dry Substrate
- Initial Set	30 minutes
- Set Through	2 hours
Service Temperature	Minus 40 °F to 150 °F
Flammability	
- Wet	Non-Flammable
- Dry	Burns

Description

Aquatac™ Primer is a polymer emulsion based primer for self-adhered membranes.

Features and benefits

- Quick drying
- Highly tacky film provides positive adhesion to membrane
- Non-flammable during application
- Easily applied by spray, brush or roller
- Water based, no solvent odors
- Specially designed to provide a high level of tack on vertical surfaces

Usage

Used as a primer for self-adhered membranes such as **Blueskin® WP200** when applied to masonry, concrete, non-treated wood, drywall and metal.

Application

Surface Prep: All surfaces must be dry and free from dust, dirt, grease, oil or other foreign matter.

Apply: **Aquatac™ Primer** is applied by roller at a rate up to 500 sq. ft. per gallon depending on the porosity and texture of the surface and allow to dry. Airless, air assist, or air spray equipment may also be used. Not suitable for use with a garden type sprayer. Pour primer from container into sprayer and spray fine mist over the entire substrate. Allow primer to dry thoroughly before applying membrane. Primer surfaces not covered by membrane during the same working day must be reprimed. **Aquatac™ Primer** is intended to be used as supplied and should not be diluted.

Clean Up: For uncured film use water. Use mineral spirits for cured films.

Precautions

Protect from freezing during shipping, storage and application. Apply under dry conditions above 25 °F. Avoid freezing. Store product above 32 °F.

Henry Aquatac Primer

Caution

In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes.

Seek medical attention.

Do not heat container or store at temperatures greater than 120 °F (49 °C).

Close container after each use.

Use protective measures to avoid contact with eyes and skin. If swallowed, seek medical attention immediately.

In case of accidental injection by power spray equipment, seek medical attention immediately.

Dispose of container and unused contents in accordance with local, state, and federal regulations.

Keep out of reach of children.

Protect from freezing.

For exterior use only.

Product size/packaging

5 gallon pail

Storage

Store rolls on end, on original pallets or elevated platform. Protect from weather or store in an enclosed area not subject to heat over 120 °F (49 °C). In cold weather, it is recommended to warm rolls to 50 °F (10 °C) or above prior to application to assure adhesion to substrate.

For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on Henry's® product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing Henry® Product Support at productsupport@henry.com or by calling 800-486-1278.

Henry is a registered trademark of Henry Company.
Covered by US patent 6,901,712; Canadian patent 2,413,550.

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Typical Physical Properties

Color	Blue
Base	Synthetic polymer
Application Temperature	40°F to 100 °F (4.4°C to 37.8°C)
Spray Pattern	Wide-web spray
Dry Time	1 to 3-minutes
Open Time	Up to 30-minutes
Solvent	Ester/Aliphatic hydrocarbon
Flash Point	<0°F (<-18°C)
Maximum VOC	250 g/l
Weight Per Gallon	7.16 lb (3.25 kg)
Shelf Life (Unopened)	12-months

Description

Henry 573 Blueskin LVC Spray Primer is a quick drying, low VOC (Volatile Organic Compound), rubber-based primer. It is designed to enhance the bond of peel and stick air barriers and waterproofing membranes, and also to bond system accessories, such as drain board, filter fabric, and polystyrene to masonry, concrete, wood, gypsum board, DensGlass® sheathing, and metal surfaces. It contains no chlorinated solvents and offers an excellent alternative to methylene chloride-based products.

Henry 573 Blueskin LVC Spray Primer is the surface preparation of choice on above and below grade applications where a quick setting, aggressive tack, is required.

Features

- Easy spray application, quick setting, and long working time
- Excellent adhesion to a wide variety of substrates
- Low VOC

US Regulatory Compliance

- OTC (Ozone Transport Commission), Rule for Adhesives and Sealants
- SCAQMD (South Coast Air Quality Management District) Rule 1168 – Adhesive and Sealant Applications
- All California Air District Regulations

Product Size

27 lb (12 kg) canisters

Usage

Henry 573 Blueskin LVC Spray Primer increases the bond strength to substrate for peel and stick air barrier and waterproofing membranes, such as Blueskin SA, SA-LT, TWF, WP200, and Blueskin VP, and also bonds system accessories, such as drain board, filter fabric, and polystyrene to masonry, concrete, wood, gypsum board, DensGlass® sheathing, and metal surfaces.

Henry 573 Blueskin LVC Spray Primer

Primer should not be applied directly to polystyrene; apply primer to the substrate only and follow Application instructions. Test primer on the product to be bonded before use when in doubt of compatibility.

Surface Preparation

Surfaces must be dry and free from dust, dirt, grease, oil, or other foreign matter.

Coverage

Approximately 1,650 to 2,450 square feet (153 to 228 m²) per canister depending on the porosity and texture of the surface and thickness of application. To assure proper spray pattern, prior to use store canister overnight in a room temperature environment. Application below 40°F (4.4°C) is not recommended.

Recommended Equipment

Airless spray gun, such as GunJet® AA23L, ASM 200, Graco® SG-1, or equivalent airless spray gun, and 6' (1.83 m) hose. Spray gun and hose are not included.

Application

Hose Connection: Use Teflon® tape on all fittings. Before initial use, securely attach spray gun to hose, then hose to canister; ensuring not to cross thread fittings. Open valve and check for leaks. Use only in well ventilated areas. Keep away from flame. Material is extremely flammable (see precautions below). Before beginning to spray, check area for ignition sources. Use protective eyewear (goggles) and gloves when handling. Read **Safety Data Sheet (SDS)** for complete safety information prior to use. Do not aim spray nozzle in direction of people.

Apply Blueskin LVC Spray Primer between 40°F to 100°F (4.4°C to 37.8°C) in order to obtain proper spray pattern. Fully open canister valve and do not close until empty. Hold spray nozzle approximately 8 to 12-inches (20 to 30 cm) from substrate and spray at a 90° angle from the substrate and even web coat. Apply at recommended coverage. Do not allow primer to “puddle”. Allow primer to dry until tacky for a minimum of 1 to 3 minutes at 60°F (15.6°C), under normal conditions, before bonding. Heat and humidity, or cold weather can cause longer drying times. Surfaces are dry if primer is tacky, but no primer transfers to the hand when touched. Use knuckles to test for tackiness. Complete the bond within 30-minutes, under normal conditions, after the primer is dry. If the two surfaces do not bond immediately when brought into contact, they have dried too long and another coat of primer should be applied to at least one of the surfaces. Coated surfaces not bonded during the working day must be recoated.

Carefully position coated surfaces before putting them together since no shifting is possible once contact is made. Bond surfaces together and immediately apply firm and uniform pressure over entire surface; work from the center to the edges.

Please consult Product Support for any specific questions regarding the application of this product.

Clean-up

Equipment can be cleaned with biodegradable terpene solvent or mineral spirits. Use care in handling solvents. Clean hands with waterless hand cleaner.

Storage and Disposal General Recommendations

Store canisters out of direct sunlight in a cool, well-ventilated area. Avoid storing canisters directly on the floor or against an outside wall. The shelf life for an unopened canister of this product, stored at temperatures between 60°F and 95°F (15.6°C and 35°C), is 12-months from date of manufacture. Observe all labeled hazard precautions.

Empty Canister Venting Instructions: The canister must be empty and permanently vented before disposing of it. The canister is empty when only air is coming out of the spray gun. Shut off the valve and remove the hose and spray gun. The empty canister will still have residual pressure and a small amount of liquid. In a well-ventilated area, open the valve and allow the pressure to drain and liquid to dry for at least 24-hours before permanently venting the canister. Opening the valve only is not sufficient and the canister must be permanently vented for proper disposal. After the pressure has been drained and liquid has dried, to permanently vent the empty canister, keep the valve in the open position and punch out the pressure relief disk. A non-sparking plastic, rubber, or wooden tool should be used to punch out the pressure relief disk. Do not punch out the pressure relief disk in the same area that the canister was drained in. The pressure relief disk is located at the top of the canister.

Henry 573 Blueskin LVC Spray Primer

The empty **and vented** canister can be disposed of as solid waste or recycled as scrap metal where local regulations and recycling facilities allow.

For further details, refer to the "Guidelines For The Storage And Disposition of Henry 573 Blueskin LVC Spray Primer Canisters" Henry Tech-Talk.

Precaution

DO NOT THIN. Avoid use where solvent odors may taint food or other susceptible products

**KEEP OUT OF REACH OF CHILDREN.
FOR INDUSTRIAL USE ONLY.
FOR EXTERIOR USE ONLY.
PLEASE READ THE ENTIRE LABEL.**

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPORS MAY CAUSE FLASH FIRE AND EXPLOSION. CONTENTS UNDER PRESSURE. VAPORS HARMFUL. Contains hexane, methyl acetate, and hydrocarbon propellants. Vapors may ignite explosively. Keep away from heat, sparks, and flame. Do not smoke. Extinguish all flames and pilot lights; turn off all stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone. Do not heat container or store at temperatures greater than 120°F (48.8°C). **CLOSE AIR INTAKES** until solvents dissipate. Contains volatile solvents that might contaminate potable water. Close container after each use. **FIRST AID: DANGER! HARMFUL OR FATAL IF SWALLOWED!** If swallowed, do not induce vomiting. **CALL PHYSICIAN IMMEDIATELY!** May be harmful if absorbed through skin. Use protective measures to avoid contact with eyes and skin. In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15-minutes. **GET MEDICAL ATTENTION! USE ONLY WITH ADEQUATE VENTILATION!** Avoid breathing of vapor. If you experience eye watering, headaches or dizziness, leave area or increase fresh air or wear respirator (NIOSH/MSHA TC 23C or equal). Repeated and prolonged occupational exposure to solvents can result in permanent brain and nervous system damage.

WARNING: This product contains detectable amounts of chemicals known to the State of California to cause cancer, or birth defects, or other reproductive harm.

Employers should obtain a copy of the **Safety Data Sheet (SDS)** from your supplier at the toll free number or website below.

Limited Material Warranty

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product – such as weather, workmanship, equipment utilized, and prior condition of the substrate – are all beyond our control. We will replace at no charge any product proved to have a material defect within 12-months of purchase, provided it has been applied in accordance with our written directions for uses we recommend as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY: THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. MANUFACTURER SHALL HAVE NO LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM ANY DEFECTS OR ANY DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. IF PURCHASER DOES NOT ACCEPT THESE TERMS OF THE LIMITED WARRANTY, PURCHASER MAY RETURN ALL CONTAINERS OR PACKAGES OF PRODUCT PURCHASED FOR A FULL REFUND (PROVIDED THE CONTAINERS OR PACKAGING IS UNOPENED AND LESS SHIPPING CHARGES IF ANY) WITHIN 30-DAYS OF PURCHASE. RETENTION OF PRODUCT BEYOND 30-DAYS FROM PURCHASE, OR USE OF PRODUCT SHALL CONSTITUTE ACCEPTANCE OF THE LIMITED WARRANTY TERMS, CONDITIONS, AND DISCLAIMERS. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.** For further details of Henry's product warranty, see our website at www.henry.com/warranty.

STATEMENT OF RESPONSIBILITY

The technical and application information herein is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability, or completeness either expressed or implied is given. The user is responsible for checking the suitability of products for their intended use. Henry Company data sheets are updated on a regular basis; it is the user's responsibility to obtain and to confirm the most recent version. Information contained in this data sheet may change without notice.



Blueskin[®] LVC Adhesive

For Blueskin Self-Adhesive Membranes

Physical Properties

-Color	Blue	-Service Temp	Minus 40°C to 70°C
-Solids by Weight	40%	-Application Temp	Minus 12°C to 40°C
-Weight	0.919 kg/l	-Flammability	
-Drying Time		Wet	Flammable
Initial Set	Approximately 30 minutes	Dry	Burns
Set Through	2 hours		
-Maximum V.O.C.	<240 grams/liter		

Description

Blueskin[®] LVC Adhesive is a quick drying, lower volatile organic compound (VOC) formulation, rubber based adhesive designed to enhance the adhesion of self-adhesive membranes such as Blueskin[®].
Can be used as a pressure sensitive, contact adhesive for Neoprene Flashing.

Features

- Compliant with OTC rules for industrial adhesives and sealants and California South Coast Rule 1168
- Quick setting
- Aggressive tack provides improved adhesion of membrane to substrate
- Suitable for application at normal and low temperatures
- Easily applied

Uses

Used as an adhesive for self-adhesive membranes such as **Blueskin[®] SA, SALT, TWF, VP and WP200** when applied to masonry, concrete, wood, gypsum board, DensGlass[™] Gold and metal surfaces.

Blueskin[®] LVC Adhesive is the surface preparation of choice on above grade applications of self-adhered membranes where a quick setting, aggressive tack, solvent based, lower VOC primer is required.

Blueskin[®] LVC Adhesive may be used to bond Henry Neoprene Flashing to masonry, concrete and itself (lap).

Limitations

Avoid direct application on polystyrene materials, such as polystyrene insulation boards. Avoid use and exposure to open flames, electrical discharges and other ignition sources or where solvent odors may taint food or other susceptible products.

Packaging

Blueskin[®] LVC Adhesive is packaged in 18.93L pails (contains 17 L).

Preparation

Surfaces must be dry and free from dust, dirt, grease, oil or other foreign matter.

Application

Blueskin® LVC Adhesive for Self-Adhesive Membranes: Apply by brush, roller or spray at up to 6.13 m²/l (250 ft²/gal.). Rollers should have a solvent-resistant heavy nap of natural material such as lamb's wool. Allow adhesive to dry for approximately 30 minutes, longer under cold conditions, before applying membrane.

Coated surfaces not covered by membrane during the working day must be recoated.

Blueskin® LVC Adhesive for Neoprene Flashing Membrane: Apply by brush at 3.07 m²/l (125 ft²/gal) to substrate and back of Neoprene Flashing Membrane. Allow sufficient open time to develop full tack. Apply membrane to substrate smoothing out wrinkles or gaps.

Clean Up

Remove from tools, etc. mineral spirits. Clean hands with a waterless hand cleaner.

Caution

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPORS MAY CAUSE FLASH FIRE.

Contains hexane, methyl acetate, and p-chlorobenzotrifluoride. Vapors may ignite explosively. Keep away from heat, sparks, and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights; turn off all stoves, heaters, electric motors, and other sources of ignition during use and until all vapors are gone. Do not heat container or store at temperatures greater than 120°F. For exterior use only; CLOSE AIR INTAKES until solvents dissipate. Contains volatile solvents that might contaminate potable water. Close container after each use. **DANGER! HARMFUL OR FATAL IF SWALLOWED!** If swallowed, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY! May be harmful if absorbed through skin. Use protective measures to avoid contact with eyes and skin. In case of eye contact, open eyelids wide and flush immediately with plenty of water for at least 15 minutes. GET MEDICAL ATTENTION! **USE ONLY WITH ADEQUATE VENTILATION!** Avoid breathing of vapor. If you experience eye watering, headaches or dizziness, leave area or increase fresh air or wear respirator (NIOSH/MSHA TC 23°C or equal). Repeated and prolonged occupational exposure to solvents can result in permanent brain and nervous system damage. **KEEP OUT OF REACH OF CHILDREN.**

Limited Warranty

LIMITED PRODUCT WARRANTY AND LIABILITY DISCLAIMER: Many factors affect the results obtained from this product – such as weather, workmanship, equipment utilized, and prior condition of the substrate – and these are all beyond our control. We, the manufacturer, warrant only that we will replace, at no charge, any product proved to have a material defect in original manufacturing within 12 months of purchase, provided the product has been applied in accordance with our written directions for uses we recommend as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF CONDITIONS/WARRANTIES AND LIMITATION OF LIABILITY:** THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER CONDITIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED CONDITION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO ONE, INCLUDING THE MANUFACTURER, SHALL HAVE ANY LIABILITY OF ANY KIND, INCLUDING FOR NEGLIGENCE OR FOR DIRECT, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, RESULTING FROM ANY MISUSE, DEFECTS, ANY DELAYS CAUSED BY REPLACEMENT, OR OTHERWISE BEYOND PRODUCT REPLACEMENT. IF PURCHASER DOES NOT ACCEPT THESE TERMS, PURCHASER MAY RETURN ALL CONTAINERS OR PACKAGES OF PRODUCT PURCHASED FOR A FULL REFUND WITHIN 30-DAYS OF PURCHASE. RETENTION OF PRODUCT BEYOND 30-DAYS, OR USE OF PRODUCT SHALL CONSTITUTE ACCEPTANCE OF THESE TERMS, CONDITIONS, AND DISCLAIMERS. THIS LIMITED WARRANTY AND LIABILITY DISCLAIMER PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY, FROM ANYONE, FOR ANYTHING RELATING TO THE PRODUCT. To the extent that any part of this LIMITED PRODUCT WARRANTY AND LIABILITY DISCLAIMER is determined unenforceable under the law of the place of purchase of the product, that part is severed and the remainder of these terms remain in full force and effect. To the extent permitted by law, the duration of any implied conditions or warranties is limited to the duration of Henry's express warranty.



Physical property	Typical value	Test method
Surfacing	Aluminum Foil Laminate	-
Thickness, nominal	40 mils (1.0 mm)	-
Application Temperature, min	+20 °F (-7 °C)	-
Service Temperature	-40 °F to +240 °F (-40 °C to +116 °C)	-
Water Vapor Transmission	<0.1 Perm	ASTM E96, Method B
Tensile Strength	>800psi XD >700psi MD	ASTM D1970
Elongation	>300% XD >300% MD	ASTM D1970
Puncture Resistance	>90 lbf (>400 N)	ASTM E154
Air Permeance @ 75Pa (@ 1.75psf)	<0.0006 cfm/ft ² (<0.003 L/s.m. ²)	ASTM E2178
Air Leakage	Pass	ASTM E2357
Air Leakage Rate	Classification A1	CAN/ULC-S742
Nail Sealability	Pass	AAMA 711, ASTM D1970 modified
Water Absorption	<0.1%	ASTM D570
Low Temperature Flexibility	Pass @ -20 °F (-29 °C)	ASTM D1970
Lap Adhesion, unprimed	>15pli	ASTM D3330, Method F
Flame Spread Index	5, Class A	ASTM E84
Smoke Developed Index	350, Class A	ASTM E84
Fire Testing	Compliant in various wall assemblies; meets IBC 2018 - 1403.5 exception #2	NFPA 285

Description

Henry® Blueskin® Metal Clad® is a UV resistant self-adhered water resistive air barrier membrane comprised of rubberized asphalt and dual-layers of high strength polyolefin with a surface layer metallic aluminum film. Due to its metallic surfacing, Blueskin Metal Clad exhibits excellent weathering resistance when applied to above-grade wall assemblies. This vapor impermeable membrane is available in various roll widths for both membrane and flashing applications and has a removable release liner for ease of installation.

Features and benefits

- Permanent UV exposure under open joint cladding
- Can be left exposed for up to 12 months during construction
- Aluminum surfacing offers ideal substrate for adhesion of construction sealants
- Compatible with other Henry air barrier system components
- NFPA 285 compliance: compliant in various wall assemblies; meets IBC 1403.5 exception #2
- Low temperature application down to 20 °F (-7 °C)
- Living Building Challenge Declare label (Red List Free)

Usage

Blueskin Metal Clad is designed for use as a self-adhered air, vapor and water resistive barrier. It can also be used as a flashing/transition sheet in conjunction with **Henry Air-Bloc®** fluid applied membranes.

Application

Refer to the **Blueskin Metal Clad** Guide Specification and details for installation instructions.

Surface Prep: Acceptable substrates include precast and cast-in place concrete, CMU, steel, aluminum, galvanized metal, exterior grade gypsum board, OSB and plywood. All surfaces to receive this product must be dry, clean of oil, dust and excess mortar. Strike masonry joints flush. Concrete surfaces must be smooth and without large voids, spalled areas or sharp protrusions. Concrete must be cured a minimum of 14 days and must be dry before product is applied. Where curing compounds are used, they must be clear resin based, without oil, wax or pigments. All surfaces to receive **Blueskin Metal Clad** require an application of **Henry Blueskin Adhesive**, **Henry 573 Blueskin LVC Spray Primer**, **Henry 574 Blueskin LVC Adhesive** or **Henry Aquatac™ Primer**, and allowed

Blueskin Metal Clad Self-Adhered Water Resistive Air Barrier

to dry to a tacky film before Metal Clad is applied. Coated surfaces not covered by membrane during the working day must be recoated. Availability may vary by region.

Apply: Position membrane for alignment, remove protective film and press firmly in place. Roll membrane, including seams, with a countertop roller to ensure adhesion to substrate and laps. **Blueskin Metal Clad** must be lapped a minimum of 2" on both side and end laps. When using membrane with brick ties, position membrane, press in place and cut for ties or projections. Seal around openings and at leading edge at the end of the day's work with **Henry 925 BES Sealant** or **Henry Air-Bloc LF Liquid-Applied Flashing**. Detail work must be carefully carried out to ensure continuous air tightness of the air barrier system.

Membrane applied to the underside of the substrate (i.e. ceilings) and extending more than 6 inches (152 mm) onto inverted surfaces require mechanical fastening immediately after membrane installation.

Limitations: Avoid contact of rubberized asphalt compound with flexible PVC/Vinyl membrane or gaskets. Do not apply Metal Clad onto flexible PVC or other single ply roof membranes.

Product size/packaging

4" x 66.7" (10 cm x 20m)
6" x 66.7" (15.2 cm x 20m)
9" x 66.7" (22.8 cm x 20 m)
12" x 66.7" (30.5 cm x 20 m)
18" x 66.7" x 66.7" (45.7 cm x 20 m)
36" x 66.7" (91.4 cm x 20 m)

Storage

Store rolls in original shipping containers until ready to use. Protect from water, high humidity, heat greater than 120 °F, direct sunlight, and other contaminants that would inhibit adhesion. For best results, if ambient temperature is below 40 °F or product is exhibiting stiffness in handling, store in a warm room until product warms to workable condition.

For more information, visit www.henry.com or for technical assistance call us at 800-486-1278. For more information on the Henry® product warranty and liability disclaimer please visit www.henry.com/warranty. Refer to the Safety Data Sheet prior to using this product. The Safety Data Sheet is available at www.henry.com or by emailing Henry® Product Support at productsupport@henry.com or by calling 800-486-1278.

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Physical Property	Typical Value	Test Method
Color	Blue	-
Application Temperature	20°F to +110°F (-7°C to +43°C)	-
Service Temperature	-40°F to +200°F (-40°C to +93°C)	-
Drying Time @ 50% R.H. 68°F (20°C)	Skin Time @ 25 mils (0.6 mm): 1-2 hours Cure Time @ 25 mils(0.6 mm): 24 hours	-
Elongation, min	264%	ASTM D412, modified
Tensile Strength, min	132 psi (910 kPa)	ASTM D412, modified
Crack Bridging	Pass	ASTM C1305
VOC Content, max	<25 g/L	-
Hardness, Shore A	30-35	ASTM C661
Corrosive Properties	Non-corrosive	-
Nail Sealability	Pass	AAMA 711
Asphalt Compatibility	Pass	AAMA 713
Low Temperature Flexibility @ -22°F (-30°C)	Pass	CGSB 37-GP-56M, ASTM D552
Water Vapor Permeance	12 mils: 22.9 perms 25 mils: 21.8 perms 40 mils: 10.6 perms	ASTM E96, Method B
Moisture Absorption	0.1%	ASTM D570-81
Water Resistance	Pass	AC212, ASTM D2247
Air Leakage @75 Pa	≤ 0.004 CFM/ft ² (≤ 0.02 L/[sm ²])	ASTM E2178
Adhesion	Peel after UV: >5 lbs/in (875 N/m) Peel after High Temp : >5 lbs/in (875 N/m) Peel after Water Immersion: >5 lbs/in (875 N/m) Peel after Thermal Cycling: >5 lbs/in (875 N/m)	AAMA 711
Flame Spread	20, Class A	ASTM E84
Smoke Developed	5, Class A	ASTM E84
Solids by Volume	95%	-

Description

Air-Bloc[®] LF is a moisture cure single-component elastomeric liquid-applied flashing using a highly advanced Silyl-Terminated Polyether (STPE) polymer. It is designed to cure through reaction with airborne moisture to provide a heavy-duty seamless rubber-like impervious membrane with excellent weathering and water resistance.

Features

- Fast curing, high solids and single component
- Low VOC, low odor
- Excellent compatibility with all Henry[®] air barriers and components, including rubberized asphalt
- Easy to install, no special equipment required

Usage

Air-Bloc[®] LF is designed for use as a concealed air barrier flashing to protect against air, water and moisture penetration around windows and doors for commercial and residential construction.

Application

Surface Prep: Substrates should be dry and clean of oil, dust, excess mortar and sharp protrusions, standing water and frost. Concrete surfaces must be cured a minimum of 14 days. Damp concrete is acceptable but must not be wet. Acceptable substrates are precast concrete, cast-in-place concrete, concrete block, primed steel, aluminum mill finish, anodized aluminum, galvanized metal, exterior-grade gypsum board, OSB and plywood. Strike masonry joints flush. Concrete surfaces must be smooth and without large voids, spalled areas or sharp protrusions. Where curing compounds are used, they must be clear resin based, without oil, wax

Air-Bloc® LF Liquid-Applied Flashing

or pigments.

Fill open joints, seams and cracks wider than 1/8" (3 mm) up to 1/2" (13 mm) with **925 BES Sealant** or **Air-Bloc® LF** prior to final application of **Air-Bloc® LF**.

Apply: Apply **Air-Bloc® LF** to substrate in a serpentine fashion using appropriate caulking gun and then spread using a trowel, joint knife or roller to achieve a monolithic membrane over the rough opening surfaces. Regularly monitor wet mil thickness during application to assure adequate coverage. **Air-Bloc® LF** can be applied in a single coat.

Spread uncured **Air-Bloc® LF** to cover the inside of the rough opening and extend a minimum of 4" (100 mm) over the surface of the exterior wall. If a continuous air barrier such as **Air-Bloc®** or **Blueskin®** air barriers are used over the exterior wall, overlap **Air-Bloc® LF** a minimum of 2" (50 mm) over adjacent membranes.

Coverage Rates: Apply per published architectural specifications. Typical application rates include:

- **Smooth Surfaces** such as exterior gypsum sheathing or formed concrete: 10 ft² (0.9 m²) per 20 oz (0.6 L) sausage to give a wet film thickness of 25 mils (0.6 mm)
- **Rough Surfaces** such as CMU: 6 ft² (0.6 m²) per 20 oz (0.6 L) sausage to give a wet film thickness of 40 mils (1 mm)

		Coverage (Linear Feet)					
		Wet Film Thickness (mils)					
		15	20	25	30	35	40
Width (inches)	1	201	150	120	100	86	75
	2	100	75	60	50	43	38
	3	67	50	40	33	29	25
	4	50	38	30	25	21	19
	5	40	30	24	20	17	15
	6	33	25	20	17	14	13
	12	17	13	10	8	7	6

Per 20 oz. (0.6L) sausages

		Coverage (Linear Meters)					
		Wet Film Thickness (mils)					
		15	20	25	30	35	40
Width (cm)	2.5	61.1	45.8	36.7	30.6	26.2	22.9
	5	30.6	22.9	18.3	15.3	13.1	11.5
	7.5	20.4	15.3	12.2	10.2	8.7	7.6
	10	15.3	11.5	9.2	7.6	6.5	5.7
	12.7	12.2	9.2	7.3	6.1	5.2	4.6
	15	10.2	7.6	6.1	5.1	4.4	3.8
	100	1.6	1.2	0.9	0.8	0.7	0.6

Per 20 oz. (0.6L) sausages

The above reference chart is based on theoretical coverage calculations for a smooth surface. Rough surfaces can reduce coverage rates significantly depending on texture and porosity of surface.

Limitations: **Air-Bloc® LF** can be exposed for up to 6 months but is not designed for permanent exposure to ultra-violet light and should be covered as soon as practical after application. Application at temperatures below 40°F (4°C) will slow curing. In low humidity conditions, curing may be aided by lightly misting **Air-Bloc® LF** with water.

Many silicone sealants show excellent adhesion to **Air-Bloc® LF**. Contact the sealant manufacturer for more information.

Packaging

20 oz (0.6 L) sausages

Storage

Shelf life of **Air-Bloc® LF** is 12 months in unopened containers when stored in dry conditions. Protect from weather or store in an enclosed area not subject to heat over 80°F (27°C). Packaging should always be kept sealed when not in use.

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Physical property	Typical value	Test method
Color	Yellow	-
Thickness, nominal	40 mils (1.0 mm)	-
Application temperature, min	Min. 20 °F (-7 °C)	-
Service temperature	-40 °F to +212 °F (-40 °C to +82 °C)	-
Elongation	200% Minimum	ASTM D412 Die C
Tensile strength (membrane)	800psi (55 bar) Minimum	ASTM D412 Die C
Tensile strength (film)	5000psi (344.7 bar) Minimum	ASTM D882
Puncture resistance (membrane)	134lbf (61 kgf)	ASTM E154
Watertightness	Pass	CAN/CGSB-37.58-M86
Low temperature flex at -22°F	Pass	CGSB37-GP-56M
Water vapor permeance	0.03 perms (1.6 ng/Pa.s.m ²)	ASTM E96 Method B
Tear resistance initiation	45 lbf (20 kgf) MD	ASTM D1004
Propagation	17 lbf (7.7 kgf) MD	ASTM D1938
Lap peel strength at 25°F	5.0 lbf/in. (0.56 Nm) width	ASTM D1876
Adhesion to concrete	5.0 lb/in (8.75N/cm) width	ASTM D903
Moisture absorption	0.1% max	ASTM D570-81

Description

Blueskin® TWF is a self-adhered membrane consisting of an SBS rubberized asphalt compound which is integrally laminated to a tough, yellow cross-laminated polyethylene film. The membrane is specifically designed for use as a thru-wall flashing. Available in standard: 12", 18", 24" and 36" widths. Custom widths also available.

Features and benefits

- Impermeable to air, moisture, vapor, and water
- Flexible at low temperatures
- Excellent adhesion to prepared substrates
- Excellent compatibility with **Henry** adhesives, waterproofing, and liquid air barrier membranes
- Exceptional puncture and abrasion resistance
- Membrane is self-gasketing when penetrated with self-tapping screw

Usage

Used as a thru-wall flashing membrane in conjunction with **Henry** Air Barrier and Waterproofing Systems.

Application

Surface Prep: Acceptable substrates are precast concrete, cast-in place concrete, concrete block, primed steel, aluminum mill finish, anodized aluminum, galvanized metal, gypsum board and wood. All surfaces to receive **Blueskin® TWF** must be clean of oil, dust and excess mortar. Strike masonry joints flush. Concrete surfaces must be smooth and without large voids, spalled areas or sharp protrusions. Concrete must be cured a minimum of 14 days and must be dry before **Blueskin® TWF** is applied.

Apply **Blueskin® Primer**, **Spray Prep** or **Aquatac™ Primer** by brush or roller at the rate of approximately 300 ft²/gal, depending on porosity and texture of surface and allow to dry for a minimum of 30 minutes before **Blueskin® TWF** is applied. Allow additional time for primer to set if wet to the touch or can be easily rubbed off. Ensure that all primed surfaces receive **Blueskin® TWF** in the same day or re-priming may be required.

Apply: Material should be conditioned at room temperature for ease of application.

Blueskin® VP160 Self-Adhered Water Resistive Air Barrier

Cut the desired length of **Blueskin® TWF** and remove siliconized release paper. Position into place and apply positive pressure using a roller. Use care to avoid blisters or wrinkles. Overlap all joints by 2". Keep **Blueskin® TWF** back ½" to 1" from outside face of wall or veneer. At all laps, seams, penetrations, and along top edges of membrane apply a continuous bead of **HE925 BES Sealant** or **Polybitume** as termination seal. Form end dams as required with same sealant.

Limitations: Non-resistant to oils and solvents not designed for permanent exposure. Yellow surface film may release on extended exposure to U.V. Good practice calls for covering as soon as possible. Do not extend **Blueskin® TWF** beyond face of exterior wall or veneer. With exception of Henry HE925 BES Sealant: avoid sealant contact with the underside (compound side) of Blueskin TWF. Some sealants other than HE925 BES Sealant may discolor if in contact with asphalt compound or may soften the asphalt compound. Contact sealant manufacturer other than Henry for more information on compatibility with TWF.

Top or leading edge of **Blueskin® TWF** should be sealed with a **HE925 BES Sealant** or **Polybitume® 570-05** to help avoid rainwater from migrating behind the membrane.

Not to be used in direct contact with flexible PVC/vinyl membranes or gaskets.

Some sealants other than **HE925 BES Sealant** may discolor if in contact with the asphalt compound or may soften the asphalt compound. Contact sealant manufacturer other than Henry for more information on compatibility with TWF.

Product size/packaging

12" x 75' (30.5 cm x 22.9 m)
18" x 75' (45.7 cm x 22.9 m)
24" x 75' (61.0 cm x 22.9 m)
36" x 75' (91.4 cm x 22.9 m)

Storage

Store rolls on end, in original cartons on pallets or elevated platform. Protect from weather or store in an enclosed area not subject to heat over 120° F.

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Covered by US patent 6,901,712; Canadian patent 2,413,550.

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TECHNICAL DATA SHEET
Blueskin® Butyl Flash
Self-Adhered Flashing

Physical Property	Typical Value	Test Method
Color	White	-
Thickness, nominal	19 mils (0.48 mm)	-
Application Temperature, min	+25° F (-4° C)	-
Service Temperature	-40° F to +180° F (-40° C to +82° C)	-
Elongation, min	825%	ASTM D882
Tensile Strength, min	2500 psi (17237 kPa)	ASTM D882
Low Temperature Flexibility @ -7° C (20° F)	Pass	ASTM D1970
Nail Sealability	Pass	ASTM D1970

Description

Blueskin® Butyl Flash is a self-adhered flashing consisting of a synthetic butyl compound which is integrally laminated to a white engineered polypropylene film surface. It is specifically designed to be self-adhered to a prepared substrate.

Features

- Impermeable to air, moisture vapor and water
- Easy self-adhered application
- Self-sealing when punctured
- Excellent cold weather adhesion
- Highly flexible making installation easy

Usage

Blueskin® Butyl Flash is designed for use as a concealed self-adhered flashing against water, air and moisture infiltration. **Blueskin® Butyl Flash** is commonly used to provide a weather tight seal around fenestrations, joints in sheathing, and as a general flashing in residential and commercial construction.

Application

Surface Prep: Substrates should be dry and clean of oil, dust, excess mortar and sharp protrusions. Concrete surfaces must be cured a minimum of 14 days. Acceptable substrates are precast concrete, cast-in-place concrete, concrete block, primed steel, aluminum mill finish, anodized aluminum, galvanized metal, gypsum board and wood. For best adhesion onto Oriented Strand Board (OSB), install the panel with the smooth side out. Strike masonry joints flush. Concrete surfaces must be smooth and without large voids, spalled areas or sharp protrusions. Where curing compounds are used, they must be clear resin-based without oil, wax or pigments.

For best possible adhesion results or when applying to concrete or masonry, apply **Blueskin® Spray Prep** or **Aquatac™** primer and allow to thoroughly dry before **Blueskin® Butyl Flash** is applied. Coated surfaces not covered by flashing during the working day must be recoated.

Apply: Position **Blueskin® Butyl Flash** for alignment with release paper in place; roll back, peel away release paper and press firmly over substrate. Apply pressure along entire surface once in place to ensure a strong bond. The best method to ensure full contact is to roll entire surface with a countertop roller. Orient laps in shingle fashion to shed water with a minimum of 50 mm (2") on both side and end laps. When using membrane with brick ties, position flashing, press in place and cut for ties or projections.

Limitations: **Blueskin® Butyl Flash** is designed for exposure of up to 150 days, but is not designed for permanent exposure to ultra-violet light and should be covered as soon as practical after application. It is compatible with rigid PVC/vinyl membranes as well as many sealants. For best results, use **Henry® 925 BES Sealant** for general use or **Henry® 212 Crystal Clear Sealant** as a termination sealant. Solvent based sealants should never be covered until fully cured.

Blueskin® Butyl Flash is not compatible with EPDM, flexible PVC, or similarly plasticized vinyl membranes.

Blueskin® Butyl Flash Self-Adhered Flashing

Packaging

4" x 75' (10 cm x 23 m)
6" x 75' (15.2 cm x 23 m)
9" x 75' (22.8 cm x 23 m)
12" x 75' (30.5 cm x 23 m)

Storage

Store rolls on end, in original packaging. Protect from weather or store in an enclosed area not subject to heat over 120° F (49° C).

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Henry[®] 925 BES Sealant

Building Envelope Systems[®] Sealant

Physical Property	Typical Value	Test Method
Color	Black, Gray, White	-
Application Temperature (see Limitations)	10 °F to 110 °F (0 °C to 43 °C)	-
Service Temperature, cured	-40 °F to 180 °F (-40 °C to 82 °C)	-
Durometer Hardness	25 ±5 Shore A	ASTM D2240
Density	13 lbs/gal	-
Elongation, max	450-550%	ASTM D412
Dry Time	Initial Set: 60-90 min at 77 °F (25 °C) Set Through: 24 hours	-
Tensile Strength	150-200 psi	ASTM D412
Modulus	40-50% psi	-
VOC Content, max	5 g/L	EPA Method 24

Approvals and Certifications

- Meets ASTM C719 ± 35%
- Meets Fed Spec TT-S-00230C, Type II, Class A
- Meets ASTM C920 Type S, Grade NS, Class 35
- Granted SWR Institute Certificate of Validation

Description

Henry[®] 925 BES Sealant is a premium, moisture cure sealant for construction joints subject to dynamic joint movement. This one-part, low odor, moisture cure product provides excellent weathering resistance, flexibility, very low VOC, through use of a silyl-terminated polyether (STPE) polymer. Upon curing, it is paintable with latex based paints. This product is fully compatible with Henry[®] air barrier, flashing, roofing and waterproofing systems.

Usage

- Building envelope sealant for self-adhered air barriers
- External joint sealant for Henry[®] air barrier, waterproofing and roofing systems
- Alternative to silicone and moisture cure urethanes in above-grade construction applications
- Construction joints up to 1" (25 mm) width, subject to dynamic joint movement of ± 35%

Application

Surface Prep: Joints must be sound, smooth, uniform and free from defects and foreign materials. Joints must also be clean, dry, free of frost and all contaminants, such as curing compounds, sealers, or coatings. Sealant adhesion should be tested on each different substrate prior to use by applying a bead allowing to cure thoroughly. To test adhesive strength, pull one end of the bead.

Apply: Cut nozzle to desired bead size; puncture inner seal. Apply at a 45° angle while pushing sealant ahead of nozzle. The width of the joint should be a minimum of 4 times the anticipated movement. In joints up to ½" (13 mm) wide, the depth of the sealant should be equal to the width, but not less than ¼" (6 mm). In joints wider than ½" (13 mm), the depth should be maintained at ½" (13 mm). Maximum joint width for installation is 1" (25 mm). In vertical and horizontal joints, tooling is necessary to aid contact with the substrate and eliminate air bubbles.

Limitations: **Henry 925 BES Sealant** may be installed when substrate and air temperatures are as low as 10 °F. Application in temperatures between 10°F and 32°F may proceed only if the substrate is free of frost or ice. The product should not be applied in the rain or on wet surfaces; damp surfaces are acceptable.

If frost or ice is present on the substrate, it must be warmed to a temperature above 32 °F using hot air gun, heater, etc. to melt the frozen moisture. When installed in temperatures below 32 °F, an extended curing time is expected.

Prior to cold weather installation, **Henry 925 BES Sealant** should be stored at room temperatures above 35 °F for a minimum of 24 hours, to improve application and tooling.

925 BES Sealant Building Envelope System Sealant

Clean-up

Clean hands and equipment with biodegradable terpene solvent such as citrus-based hand cleaner.

Packaging

10.3 oz cartridge
20 oz sausage
2 gallon bucket

Storage

Henry 925 BES Sealant has a shelf life of 12 months from date of manufacture when stored in original unopened container at or below 80 °F (27 °C). Containers should always be kept sealed when not in use.

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SAFETY DATA SHEET

Issue Date 15-Feb-2016

Revision Date 21-Nov-2019

Version 2

1. IDENTIFICATION

Product identifier

Product Name BLUESKIN METAL CLAD WEATHER BARRIER

Other means of identification

Product Code HE200AM

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Waterproofing Sealers

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Address

HENRY COMPANY
15 Wallsend Dr.
Scarborough, ON M1E 3X6
Canada

Web Site: www.henry.com

www.ca.henry.com

Manufacturer Address

HENRY COMPANY
999 N. Pacific Coast Hwy., Suite 800
El Segundo, CA 90245-2716
Web Site: www.henry.com www.ca.henry.com

Emergency telephone number

Company Phone Number

800-486-1278

Emergency Telephone

US and Canada only (toll-free) : 3E Company - 1-866-519-4752 (access code 334832)

US/Canada, all other countries: 3E Company - +1-760-476-3962 (access code 334832)

Mexico (additional contact option): 3E Company - +52 55 41696225 (Code 334832)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label elements

Emergency Overview

Not classified

Hazard statements

None

Appearance Solid sheet

Physical state Solid

Odor Slight

Precautionary Statements - Prevention

Not applicable

Precautionary Statements - Response

Not applicable

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Not applicable.

Unknown acute toxicity

35.64268897% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance

Not applicable

Mixture

This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

Chemical Name	CAS No	Weight-%
Asphalt *	8052-42-4	60 - 100
Rubber Compounds *	Proprietary	10 - 30
Distillates, petroleum, hydrotreated heavy naphthenic *	64742-52-5	5 - 10

*The exact percentage (concentration) of composition has been withheld as a trade secret.

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346

4. FIRST AID MEASURES

Description of first aid measures

General advice

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). If symptoms persist, call a physician.

Eye contact

Keep eye wide open while rinsing. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If symptoms persist, call a physician.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician. Wash contaminated clothing before reuse.

Inhalation

Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If symptoms persist, call a physician.

Ingestion

Call a physician or poison control center immediately. Do not induce vomiting without medical advice. Rinse mouth. Never give anything by mouth to an unconscious person.

Self-protection of the first aider

Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical, CO₂, sand, earth, water spray or regular foam.

Unsuitable extinguishing media Do not use a solid water stream as it may scatter and spread fire.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions Collect spillage. Dispose of contents/container to an approved waste disposal plant.

Methods and material for containment and cleaning up

Methods for containment No information available.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

Incompatible materials Strong oxidizing agents. Strong acids. Strong bases.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Asphalt 8052-42-4	TWA: 0.5 mg/m ³ benzene-soluble aerosol fume, inhalable particulate matter	-	Ceiling: 5 mg/m ³ fume 15 min

NIOSH IDLH *Immediately Dangerous to Life or Health*

Appropriate engineering controls

Engineering Controls Showers
 Eyewash stations
 Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Solid	Odor	Slight
Appearance	Solid sheet	Odor threshold	No information available
Color	Multiple Colors		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	
Melting point / freezing point	No information available	
Boiling point / boiling range	No information available	
Flash point	No information available	
Evaporation rate	No information available	Not applicable
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	0	
Vapor density	No information available	
Relative density	>1	
Water solubility	Insoluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	>260 °C / >500 °F	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	Not applicable
Dynamic viscosity	No information available	Not applicable
Explosive properties	Not an explosive	
Oxidizing properties	Not applicable	

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	No information available

Density No information available
Bulk density No information available

10. STABILITY AND REACTIVITY

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid
Storage near to reactive materials. elevated temperature.

Incompatible materials
Strong oxidizing agents. Strong acids. Strong bases.

Hazardous Decomposition Products
Thermal decomposition can lead to release of irritating and toxic gases and vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation None known.
Eye contact None known.
Skin contact None known.
Ingestion Based on available data, the classification criteria are not met.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Asphalt 8052-42-4	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 94.4 mg/m ³ (Rat) 4.5 h
Distillates, petroleum, hydrotreated heavy naphthenic 64742-52-5	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization Based on available data, the classification criteria are not met.
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Asphalt 8052-42-4	-	Group 2B	-	X
Distillates, petroleum, hydrotreated heavy naphthenic 64742-52-5	A2	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)
A2 - Suspected Human Carcinogen
IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT - single exposure Based on available data, the classification criteria are not met.
STOT - repeated exposure Based on available data, the classification criteria are not met.
Target Organ Effects Eyes, Respiratory system, Skin.
Aspiration hazard Based on available data, the classification criteria are not met.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 5,012.00 mg/kg
ATEmix (dermal) 2,005.00 mg/kg
ATEmix (inhalation-dust/mist) 42.18 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

None known

100 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

Chemical Name	Partition coefficient
Asphalt 8052-42-4	>6

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies
EINECS/ELINCS Complies
IECSC Complies

KECL Complies
PICCS Complies
AICS Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECS - China Inventory of Existing Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard No
 Chronic Health Hazard No
 Fire hazard No
 Sudden release of pressure hazard No
 Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Asphalt 8052-42-4	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA Health hazards 0 Flammability 1 Instability 0 Physical and Chemical Properties -
HMIS Health hazards 0 Flammability 1 Physical hazards 0 Personal protection X

Issue Date 15-Feb-2016

Revision Date 21-Nov-2019

Revision Note

No information available

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief

at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

CLASSIFICATION: 07 27 00.00

PRODUCT DESCRIPTION: Henry Blueskin Metal Clad is a self-adhesive composite membrane of rubberized asphalt and dual-layers of high strength polyethylene with surface layer of metallic aluminum film. Supplied in various width rolls with removable release film, this self-adhered waterproofing and air barrier product exhibits excellent weathering resistance due to metallic surfacing as well as high adhesion to various substrates including: building penetrations, window openings, transitions, and roof surfaces. Commonly used in Building Envelope System® air barrier transition in conjunction with Air-Bloc® or Blueskin® membranes. Priming is required for maximum adhesion.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No

% weight and role provided for all substances.

Screened Yes Ex/SC Yes No

All substances screened using Priority Hazard Lists with results disclosed.

Identified Yes Ex/SC Yes No

All substances disclosed by Name (Specific or Generic) and Identifier.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

BLUESKIN METAL CLAD WEATHER BARRIER [ASPHALT LT-1 | CAN LIMESTONE; CALCIUM CARBONATE LT-UNK STYRENE BUTADIENE RUBBER (SBR) LT-UNK ALUMINUM BM-1 | PHY | END | RES SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) LT-UNK QUARTZ LT-1 | CAN SULFUR LT-UNK | SKI]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

None

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: Self-Declared

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-02-13

PUBLISHED DATE: 2020-02-13

EXPIRY DATE: 2023-02-13



Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

BLUESKIN METAL CLAD WEATHER BARRIER

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered down to 100 ppm

OTHER PRODUCT NOTES: None

ASPHALT

ID: 8052-42-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-02-13

#: 50.00 - 60.00

GS: LT-1

RC: None

NANO: No

ROLE: Waterproofing/flexibility

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: IARC classifies asphalt as a carcinogen in road paving applications. This product is not intended for that use.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-02-13

#: 30.00 - 40.00

GS: LT-UNK

RC: None

NANO: No

ROLE: Filler/film strengthener

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Not in a respirable form

STYRENE BUTADIENE RUBBER (SBR)

ID: 9003-55-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-02-13**%: **5.00 - 10.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Flexibility**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **None****ALUMINUM**

ID: 7429-90-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-02-13**%: **1.00 - 5.00**GS: **BM-1**RC: **None**NANO: **No**ROLE: **Reflection**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H261 - In contact with water releases flammable gases

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: **Used as a protective/reflective film****SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)**

ID: 65997-17-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-02-13**%: **1.00 - 5.00**GS: **LT-UNK**RC: **None**NANO: **No**ROLE: **Reinforcement**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Not present in a respirable form.****QUARTZ**

ID: 14808-60-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2020-02-13**%: **Impurity/Residual**GS: **LT-1**RC: **None**NANO: **No**ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: Not present in a respirable form.

SULFUR

ID: 7704-34-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2020-02-13**

#: **Impurity/Residual**

GS: **LT-UNK**

RC: **None**

NANO: **No**

ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation

SUBSTANCE NOTES: Not in respirable form. Sulfur compounds may be emitted if product is heated to above 400F

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

Self-Declared

CERTIFYING PARTY: **Self-declared**

ISSUE DATE: **2019-**

EXPIRY DATE:

CERTIFIER OR LAB: **Henry**

APPLICABLE FACILITIES: **All facilities**

10-30

Company

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: **Exterior use product**

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product.

Section 5: General Notes

No additional general notes for this product.



MANUFACTURER INFORMATION

MANUFACTURER: **Henry Company**
 ADDRESS: **999 N. Pacific Coast Hwy**
Suite 800
El Segundo CA 90245, USA
 WEBSITE: **www.henry.com**

CONTACT NAME: **Whitney Randall**
 TITLE: **Director, Regulatory Compliance Systems**
 PHONE: **484-557-1247**
 EMAIL: **wrandall@henry.com**

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet
GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity	GLO Global warming	PHY Physical Hazard (reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive toxicity
DEV Developmental toxicity	MUL Multiple hazards	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	OZO Ozone depletion	LAN Land Toxicity
GEN Gene mutation	PBT Persistent Bioaccumulative Toxic	NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible Benchmark 1
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

Recycled Types

PreC Preconsumer (Post-Industrial)
PostC Postconsumer
Both Both Preconsumer and Postconsumer
Unk Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.

Declare.

Henry Metal Clad Henry Company

Final Assembly: Garland, Texas, USA

Life Expectancy: Life of Structure

End of Life Options: Landfill (100%)

Ingredients:

Asphalt, Calcium Carbonate, Styrene-Butadiene Copolymers, Aluminum, Fiberglass, Sulfur, Elemental, Quartz

Living Building Challenge Criteria:

HCO-0004

VOC Content: N/A

Declaration Status

EXP. 01 MAR 2020

VOC Emissions: N/A

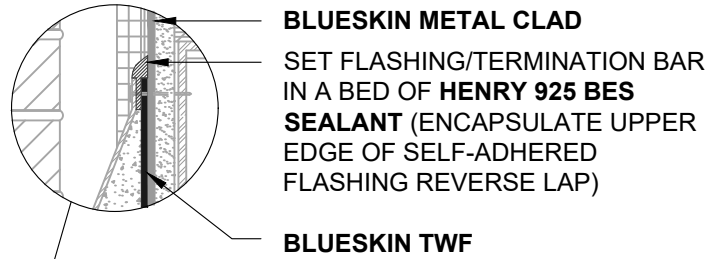
LBC Red List Free

LBC Compliant

Declared

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY

INTERNATIONAL **LIVING FUTURE** INSTITUTE™ declareproducts.com



**FLASHING INSTALLED AFTER WRB
REVERSE LAP**

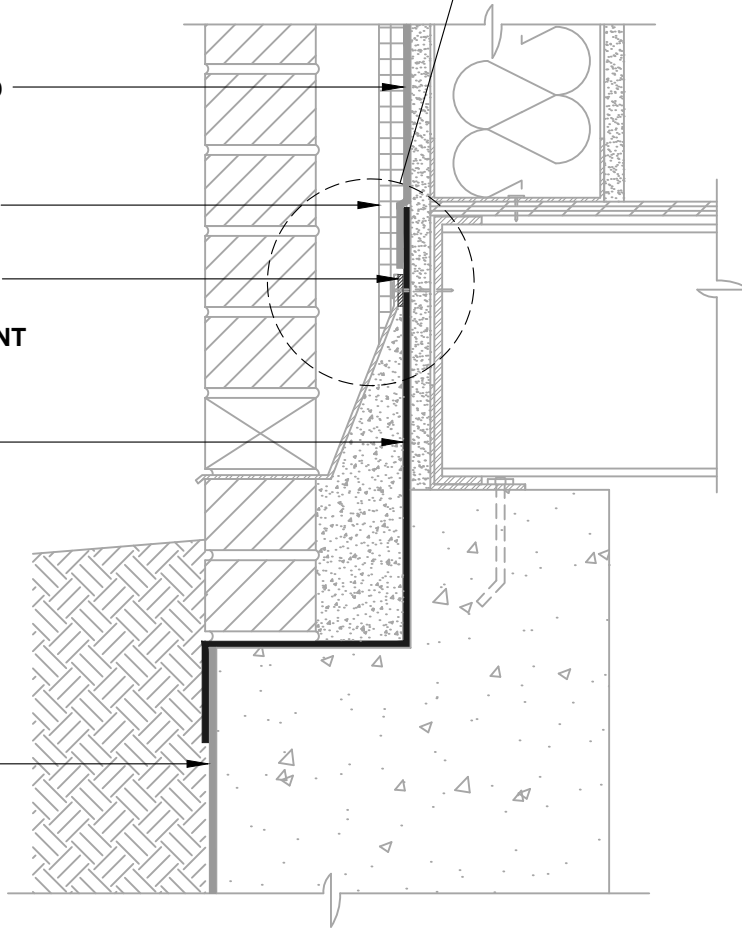
BLUESKIN METAL CLAD
LAP AIR BARRIER
2" ONTO FLASHING

OPTIONAL INSULATION

SET TERMINATION BAR
IN A BED OF
HENRY 925 BES SEALANT

BLUESKIN TWF

**HENRY BELOW GRADE
WATERPROOFING**
(CONTACT HENRY FOR
PROJECT SPECIFIC
RECOMMENDATIONS)



NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
4. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

MANUFACTURER GUIDE DETAILS ARE FOR REFERENCE ONLY. HENRY DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR DEVIATIONS IN DESIGN OR ENGINEERING. PROJECT SPECIFIC VERIFICATION IS RECOMMENDED PRIOR TO INSTALLATION.

BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

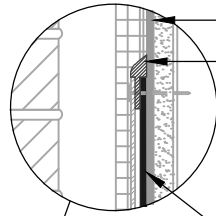
**WALL FOUNDATION
EXTERIOR WALL AND FOUNDATION TRANSITION
SLAB BELOW GRADE WITH MASONRY LEDGE**

SCALE: N.T.S. 01-09-2020

MTLCLD-1A

Henry[®]

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BLUESKIN METAL CLAD
 SET FLASHING/TERMINATION BAR
 IN A BED OF **HENRY 925 BES
 SEALANT** (ENCAPSULATE UPPER
 EDGE OF SELF-ADHERED
 FLASHING REVERSE LAP)

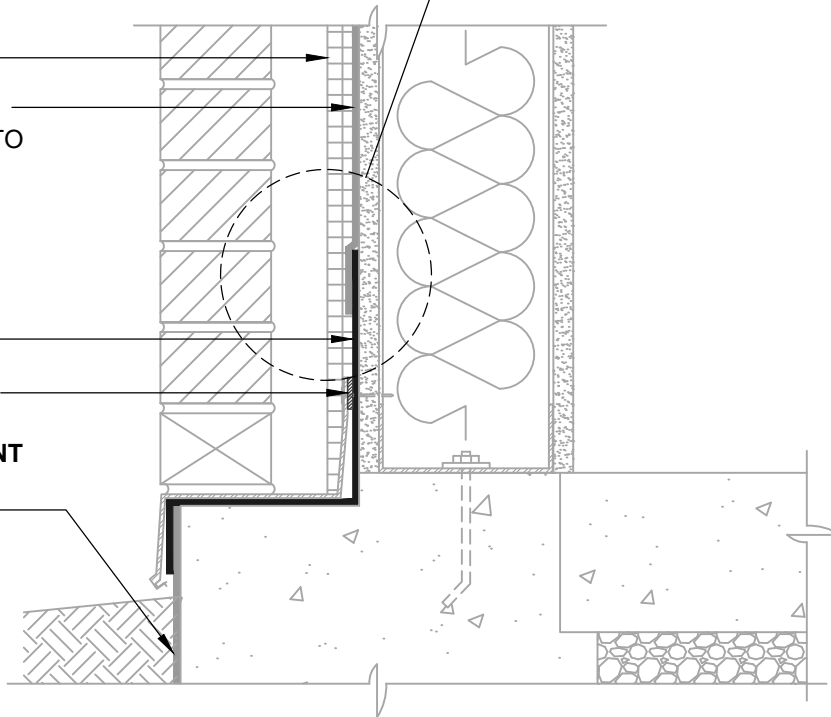
BLUESKIN TWF

FLASHING INSTALLED AFTER WRB
 REVERSE LAP

OPTIONAL INSULATION
BLUESKIN METAL CLAD
 LAP AIR BARRIER 2" ONTO
 FLASHING

BLUESKIN TWF
 SET TERMINATION BAR
 IN A BED OF
HENRY 925 BES SEALANT

HENRY BELOW GRADE
 WATERPROOFING
 (CONTACT HENRY FOR
 PROJECT SPECIFIC
 RECOMMENDATIONS)



NOTES:

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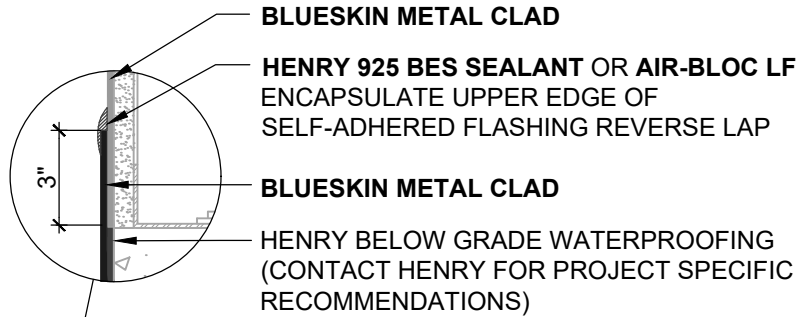
BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

WALL FOUNDATION
EXTERIOR WALL AND FOUNDATION TRANSITION
SLAB ON GRADE WITH MASONRY LEDGE

SCALE: N.T.S.

01-09-2020

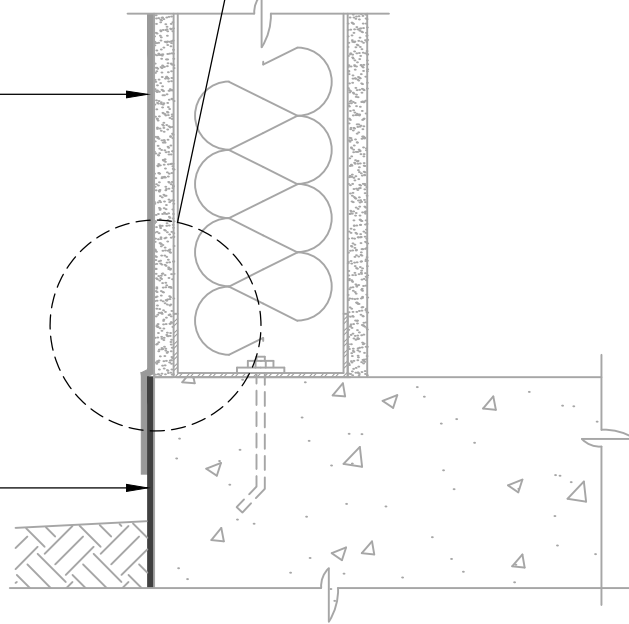
MTLCLD-1B



WATERPROOFING INSTALLED AFTER WRB
REVERSE LAP

BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO
WATERPROOFING

HENRY BELOW GRADE
WATERPROOFING
(CONTACT HENRY FOR
PROJECT SPECIFIC
RECOMMENDATIONS)



NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA, BLUESKIN SA LT OR BLUESKIN TWF**.
4. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

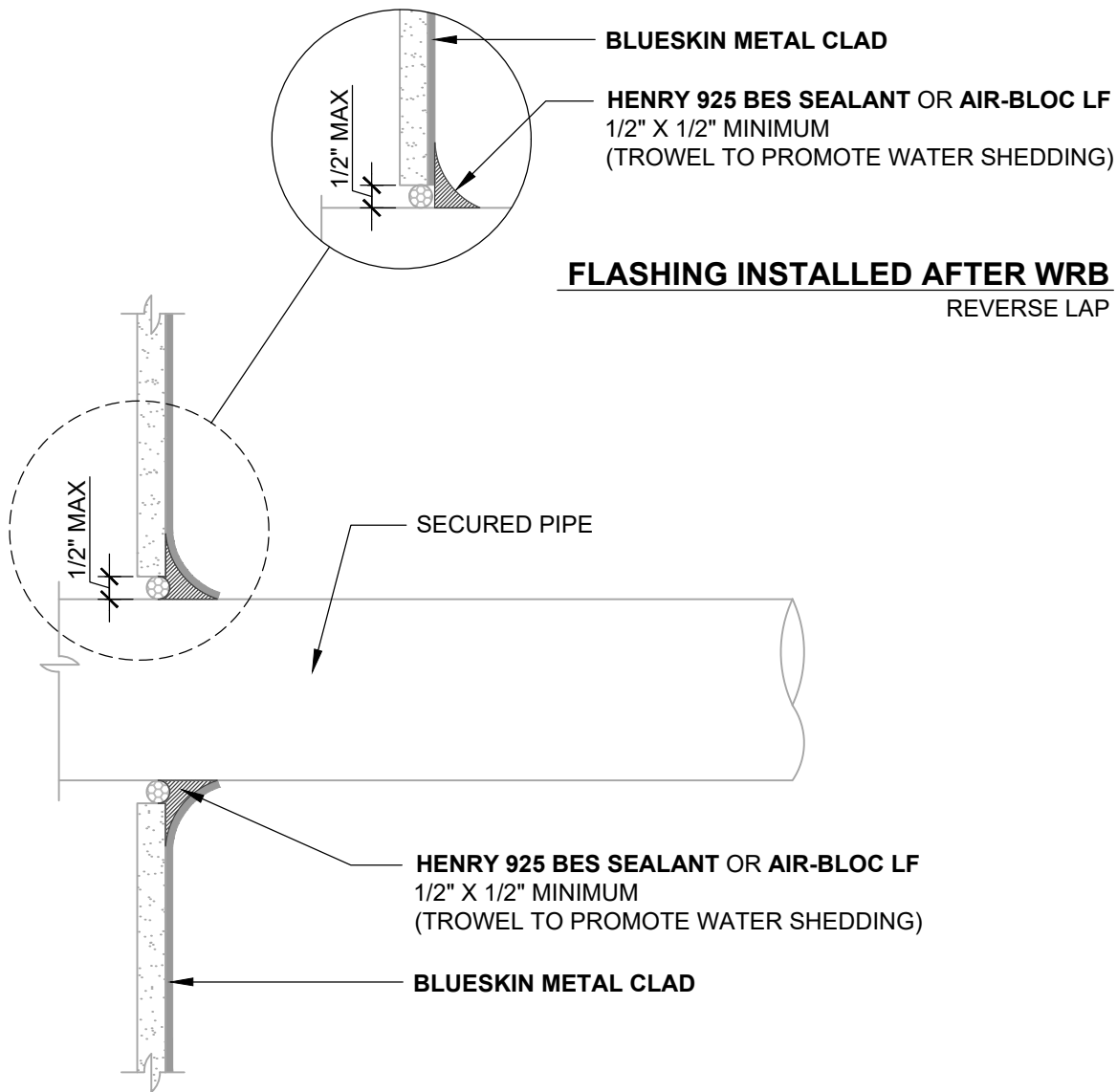
WALL FOUNDATION

**EXTERIOR WALL AND FOUNDATION TRANSITION
SLAB ON GRADE - NO MASONRY LEDGE**

SCALE: N.T.S.

01-09-2020

MTLCLD-1C



NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. PRIME CUT/RAW EDGES OF EXPOSED GYPSUM SHEATHING CORE PRIOR TO **AIR-BLOC LF** APPLICATION. RECOMMENDED PRIMER/ADHESIVE INCLUDE: **BLUESKIN SPRAY PREP**.
4. PERMANENTLY SECURE PIPE, LIGHTLY ABRABE AND CLEAN DUST/DEBRIS FROM PIPE PRIOR TO DETAILING.
5. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
6. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

PIPE PENETRATION

**SUBSTRATE GAPS UP TO 1/2" WIDE GAP MAXIMUM
LIQUID FLASHING OR SEALANT**

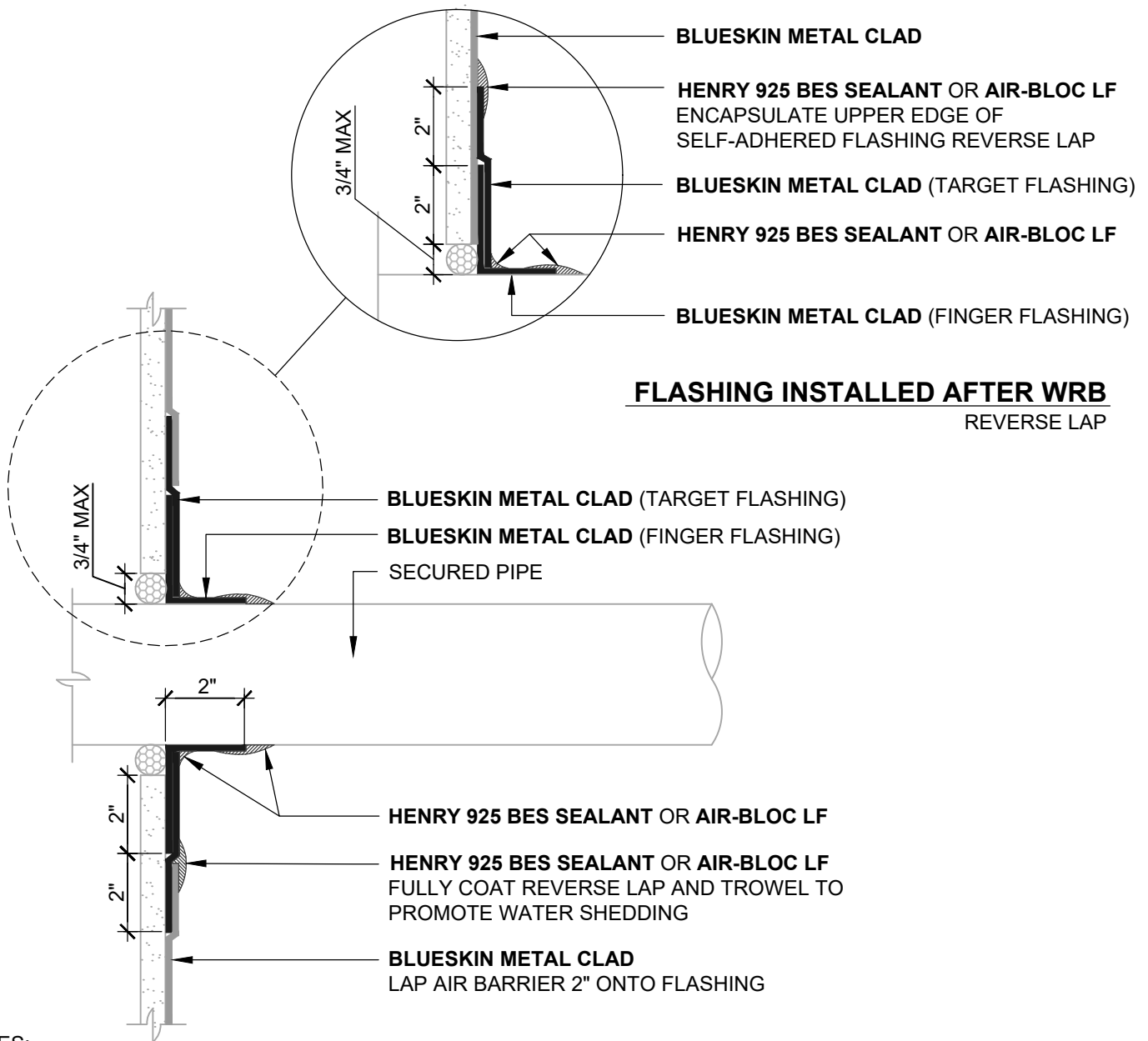
SCALE: N.T.S.

01-09-2020

MTLCLD-2A

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NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT.**
4. PERMANENTLY SECURE PIPE, LIGHTLY ABRABE AND CLEAN DUST/DEBRIS FROM PIPE PRIOR TO DETAILING.
5. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
6. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

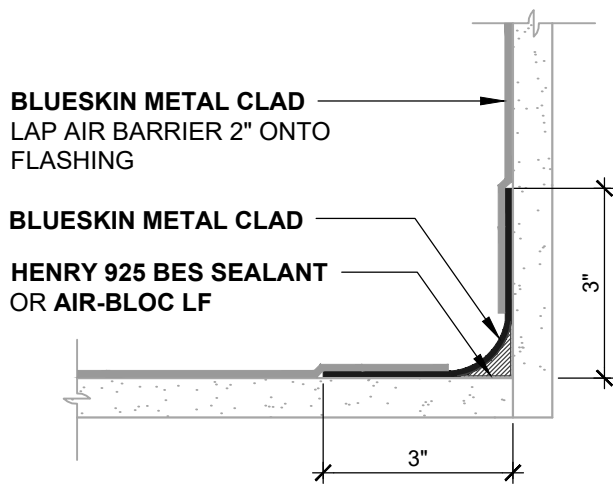
PIPE PENETRATION

**SUBSTRATE GAPS UP TO 3/4" WIDE GAP MAXIMUM
SELF-ADHERED FLASHING**

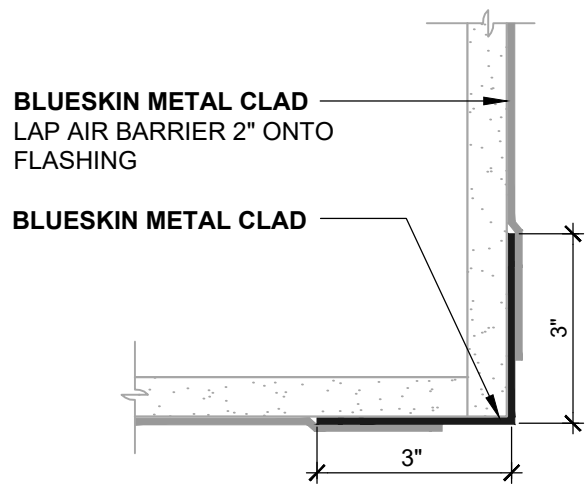
SCALE: N.T.S.

01-09-2020

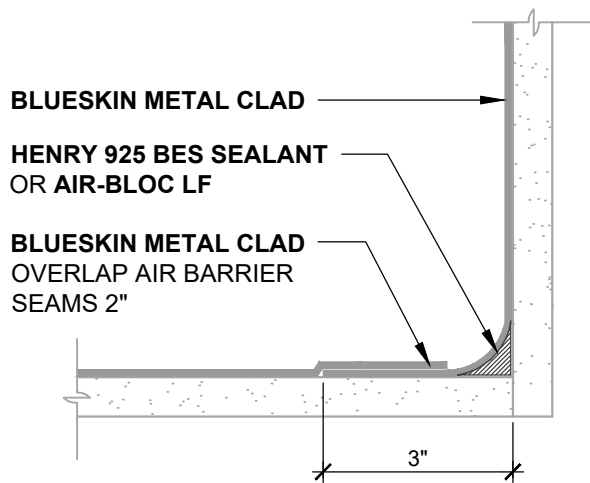
MTLCLD-2B



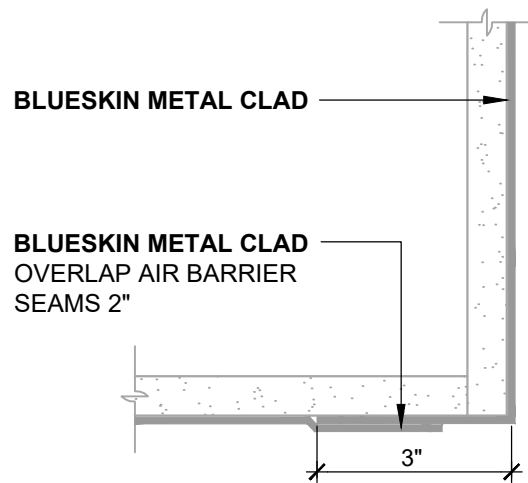
INSIDE CORNER (PLAN VIEW)
FLASHING INSTALLED BEFORE WRB



OUTSIDE CORNER (PLAN VIEW)
FLASHING INSTALLED BEFORE WRB



INSIDE CORNER (PLAN VIEW)
WRB WRAPPED AROUND CORNER



OUTSIDE CORNER (PLAN VIEW)
WRB WRAPPED AROUND CORNER

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT**.
4. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

INSIDE/OUTSIDE CORNERS
TYPICAL CORNER DETAILS - PLAN VIEW
SHEATHING JOINTS

SCALE: N.T.S.

01-09-2020

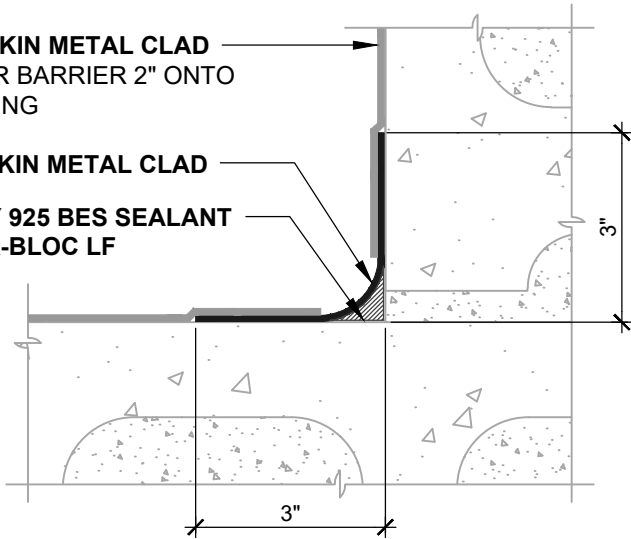
MTLCLD-3A



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BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO
FLASHING

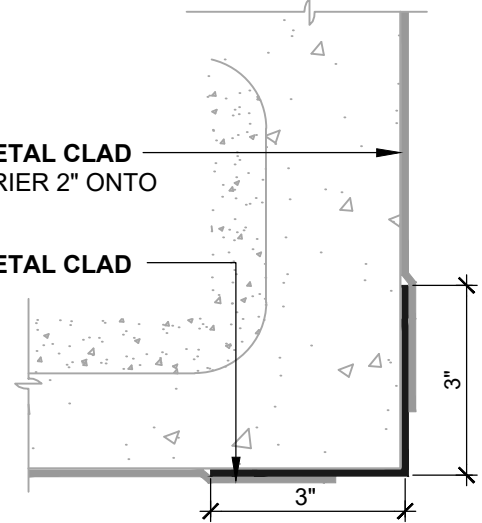
BLUESKIN METAL CLAD
HENRY 925 BES SEALANT
OR **AIR-BLOC LF**



INSIDE CORNER (PLAN VIEW)
FLASHING INSTALLED BEFORE WRB

BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO
FLASHING

BLUESKIN METAL CLAD

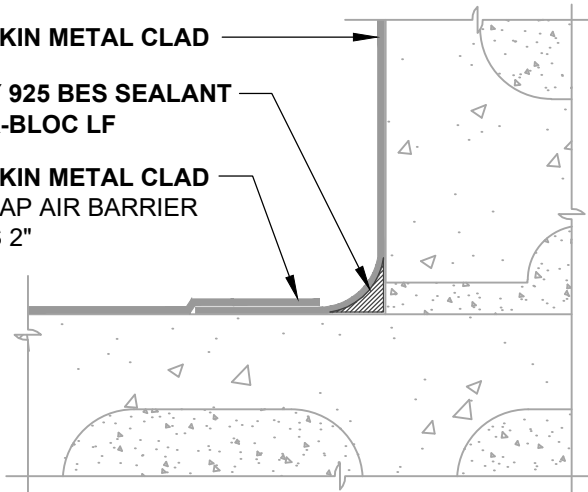


OUTSIDE CORNER (PLAN VIEW)
FLASHING INSTALLED BEFORE WRB

BLUESKIN METAL CLAD

HENRY 925 BES SEALANT
OR **AIR-BLOC LF**

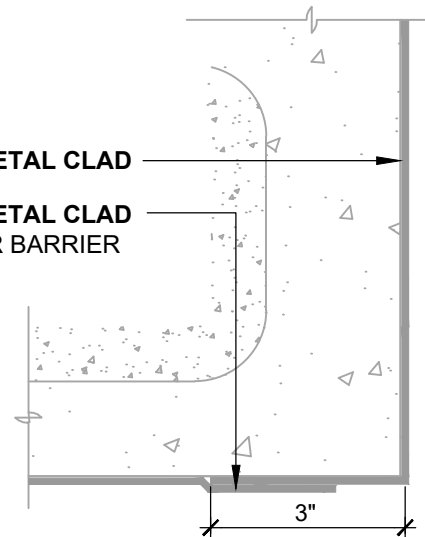
BLUESKIN METAL CLAD
OVERLAP AIR BARRIER
SEAMS 2"



INSIDE CORNER (PLAN VIEW)
WRB WRAPPED AROUND CORNER

BLUESKIN METAL CLAD

BLUESKIN METAL CLAD
OVERLAP AIR BARRIER
SEAMS 2"



OUTSIDE CORNER (PLAN VIEW)
WRB WRAPPED AROUND CORNER

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. FILL GROUT AND STRIKE CMU JOINTS FULL AND FLUSH TO CREATE A CONTINUOUS SUBSTRATE. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR CURE TIME PRIOR TO AIR BARRIER INSTALLATION.
3. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
4. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH**, **BLUESKIN SA** OR **BLUESKIN SA LT**.
5. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY.
6. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

INSIDE/OUTSIDE CORNERS

CONCRETE MASONRY UNITS (CMU)
STRIKE MASONRY JOINTS FLUSH

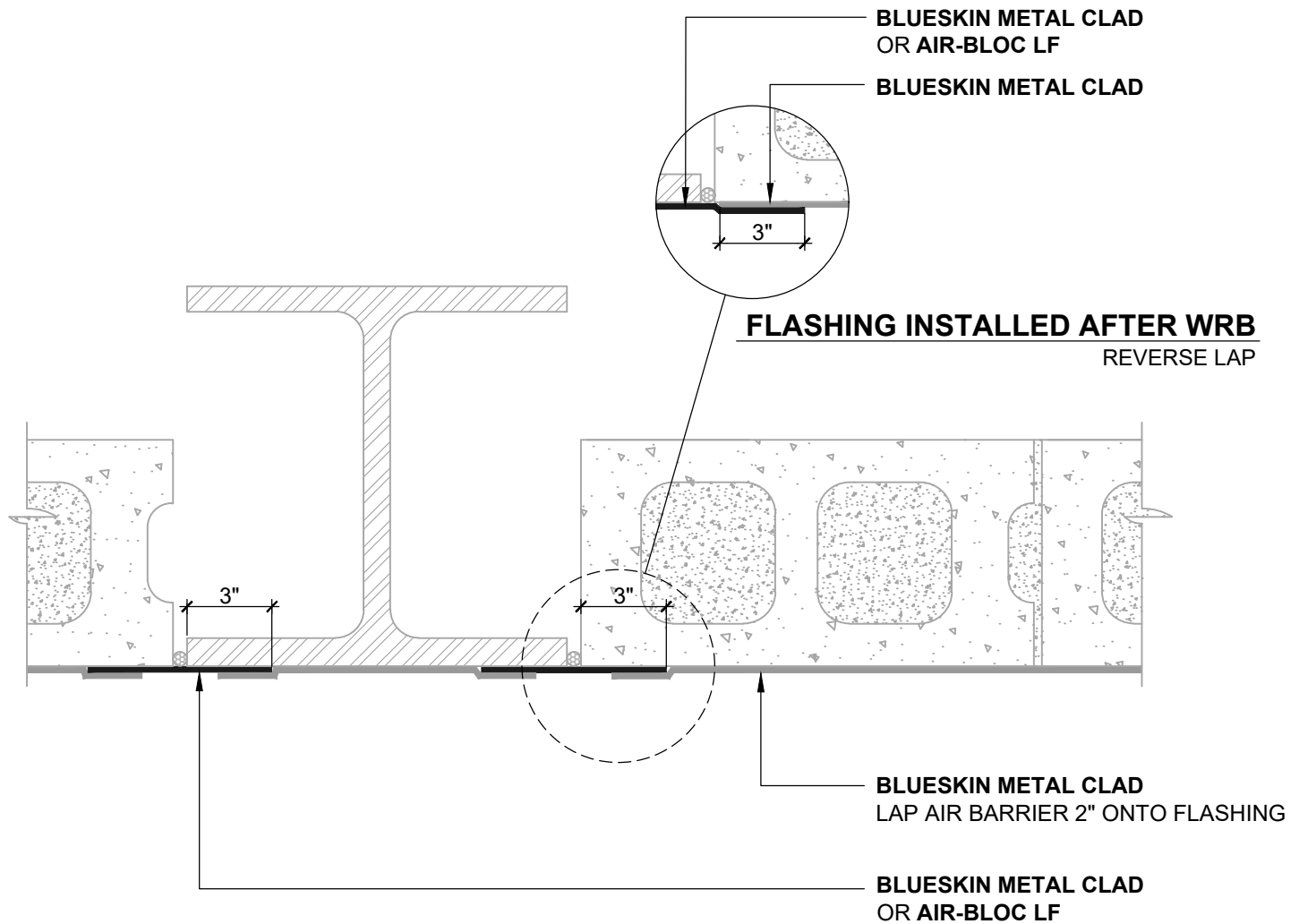
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NON-MOVING JOINT (PLAN VIEW)
CONTROL JOINT/SUBSTRATE TRANSITION

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. FILL GROUT AND STRIKE CMU JOINTS FULL AND FLUSH TO CREATE A CONTINUOUS SUBSTRATE. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR CURE TIME PRIOR TO INSTALLATION.
3. REFER TO NON-MOVING JOINT DETAILS FOR ALTERNATE CONSTRUCTION JOINT FLASHING METHODS .
4. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
5. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT.**
6. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
7. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.



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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

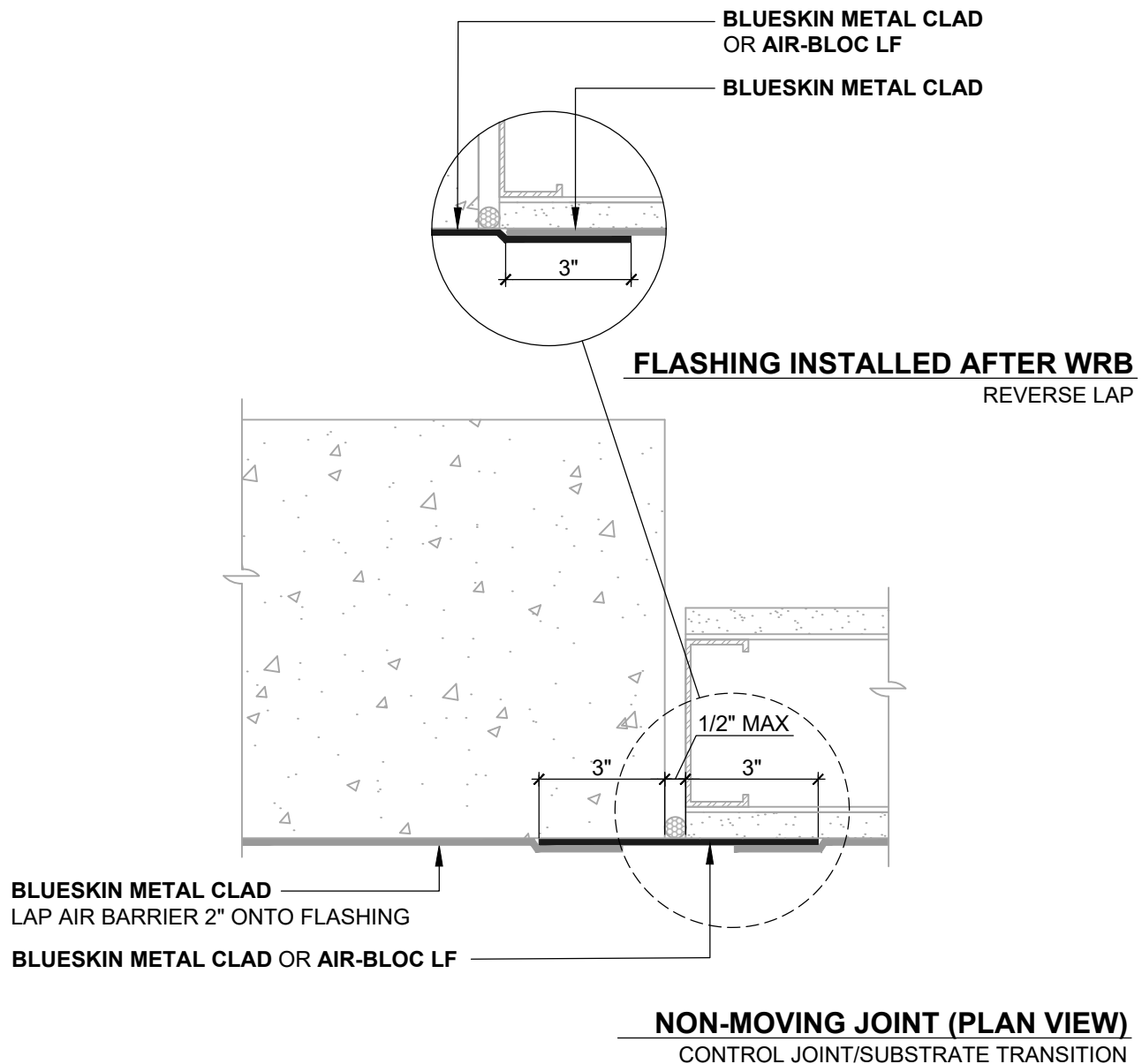
SUBSTRATE TRANSITION

**DISSIMILAR SUBSTRATE TRANSITIONS
SUBSTRATE GAPS UP TO 1/2" MAXIMUM**

SCALE: N.T.S.

01-09-2020

MTLCLD-4A



NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. REFER TO NON-MOVING JOINT DETAILS FOR ALTERNATE CONSTRUCTION JOINT FLASHING METHODS .
3. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
4. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT.**
5. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
6. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

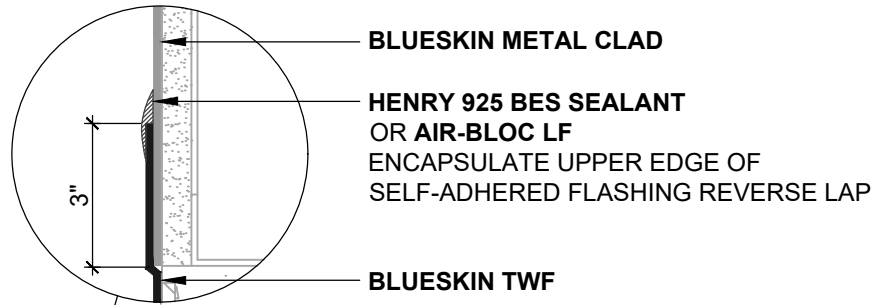
SUBSTRATE TRANSITION

**DISSIMILAR SUBSTRATE TRANSITIONS
 SUBSTRATE GAPS UP TO 1/2" MAXIMUM**

SCALE: N.T.S.

01-09-2020

MTLCLD-4B



FLASHING INSTALLED AFTER WRB
REVERSE LAP

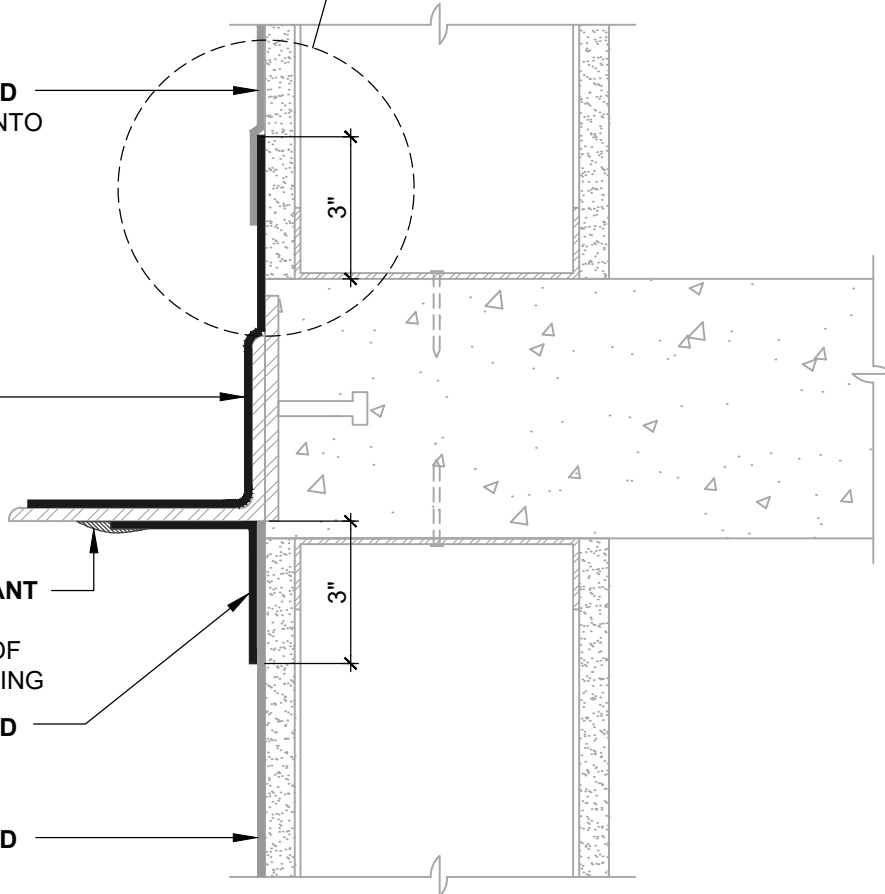
BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO
FLASHING

BLUESKIN TWF

HENRY 925 BES SEALANT
OR **AIR-BLOC LF**
ENCAPSULATE EDGE OF
SELF-ADHERED FLASHING

BLUESKIN METAL CLAD
OR **AIR-BLOC LF**
(SEE NOTE #3)

BLUESKIN METAL CLAD



NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT.**
4. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

THRU-WALL FLASHING

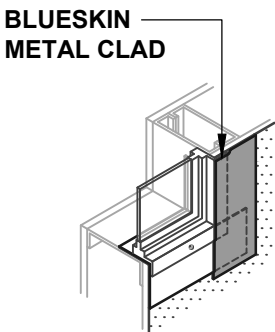
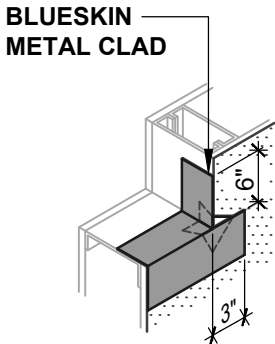
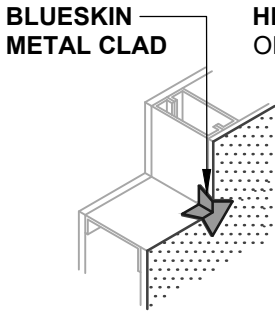
DISSIMILAR SUBSTRATE TRANSITIONS
CONTINUOUS LINTEL/STEEL ANGLE

SCALE: N.T.S.

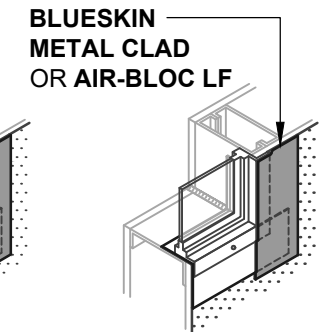
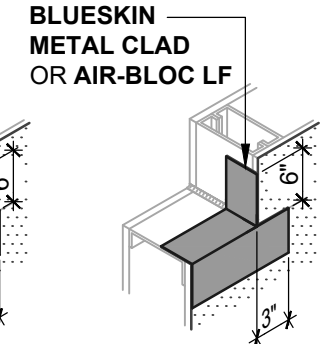
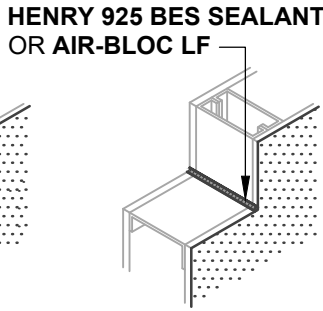
01-09-2020

MTLCLD-5A

OPTION #1
GUSSET



OPTION #2
SEALANT



BLUESKIN METAL CLAD

HENRY 925 BES SEALANT
OR **AIR-BLOC LF**
ENCAPSULATE UPPER EDGE
OF SELF-ADHERED FLASHING
REVERSE LAP

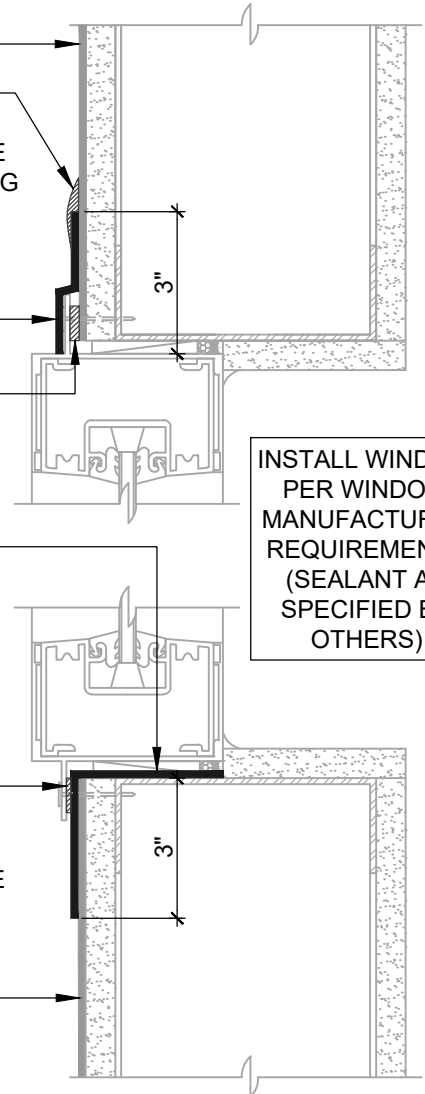
BLUESKIN METAL CLAD
OR **AIR-BLOC LF**

SET WINDOW FLANGE
INTO A BED OF
HENRY 925 BES SEALANT

BLUESKIN METAL CLAD
OR **AIR-BLOC LF**
EXTEND FLASHING
3" (SUGGESTED) INTO
ROUGH OPENING (2" MIN)

SET WINDOW FLANGE
INTO A BED OF
HENRY 925 BES SEALANT
ENCAPSULATE UPPER EDGE
OF SELF-ADHERED
FLASHING REVERSE LAP

BLUESKIN METAL CLAD



INSTALL WINDOW
PER WINDOW
MANUFACTURER
REQUIREMENTS
(SEALANT AS
SPECIFIED BY
OTHERS)

WINDOW SILL/JAMB FLASHING
SEALANT AND GUSSET METHODS

ASTM E2112- METHOD A1 (SECTION VIEW)
FLASHING INSTALLED AFTER WRB

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT.**
4. HENRY WINDOW FLASHING DETAILS ARE BASED ON ASTM E2112. ACTUAL CONDITIONS MAY VARY. VERIFY PROJECT SPECIFIC WINDOW INSTALLATION REQUIREMENTS AND FLASHING COMPATIBILITY WITH DESIGN PROFESSIONAL.
5. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY.
6. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

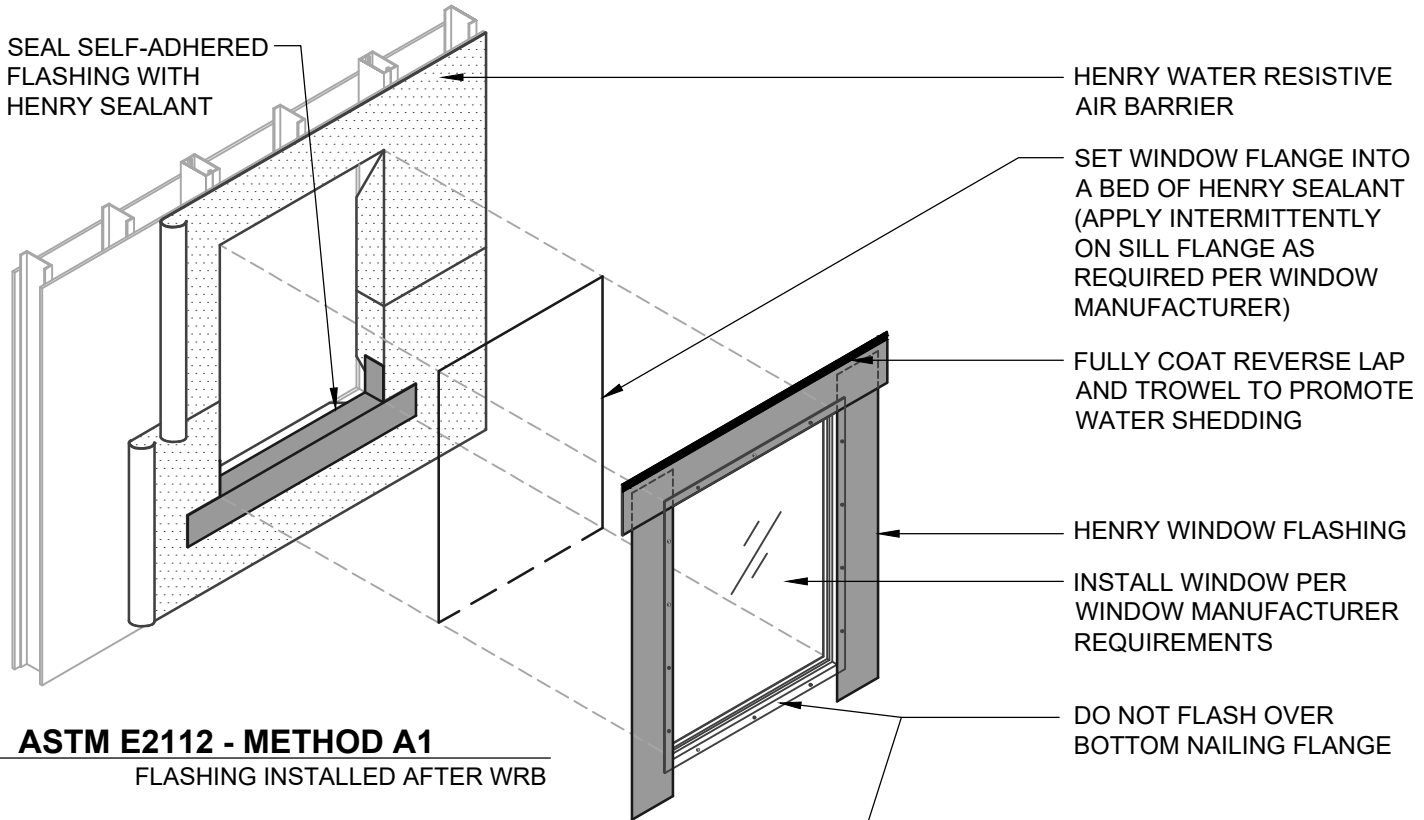
FLANGED WINDOW

ASTM E2112 METHOD A1
FLASHING INSTALLED AFTER WRB

SCALE: N.T.S.

01-09-2020

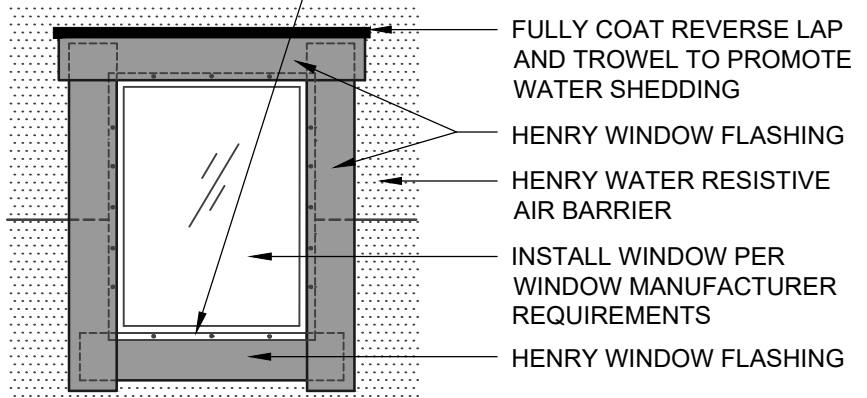
MTLCLD-6A1-A



ASTM E2112 - METHOD A1
FLASHING INSTALLED AFTER WRB

Henry WATER RESISTIVE BARRIER (WRB) ASSEMBLY

HENRY WATER RESISTIVE AIR BARRIER
• BLUESKIN METAL CLAD
HENRY WINDOW FLASHING
• BLUESKIN METAL CLAD
HENRY SEALANT
• HENRY 925 BES SEALANT
• AIR-BLOC LF



ASTM E2112 - METHOD A1 (ELEVATION)
FLASHING INSTALLED AFTER WRB

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT.**
4. HENRY WINDOW FLASHING DETAILS ARE BASED ON ASTM E2112. ACTUAL CONDITIONS MAY VARY. VERIFY PROJECT SPECIFIC WINDOW INSTALLATION REQUIREMENTS AND FLASHING COMPATIBILITY WITH DESIGN PROFESSIONAL.
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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

FLANGED WINDOW

**ASTM E2112 METHOD A1
FLASHING INSTALLED AFTER WRB**

SCALE: N.T.S.

01-09-2020

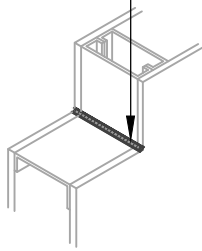
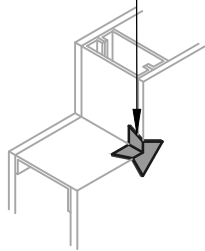
MTLCLD-6A1-B

OPTION #1
GUSSET

OPTION #2
SEALANT

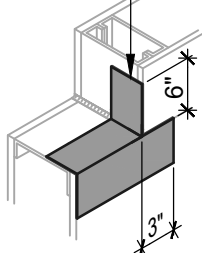
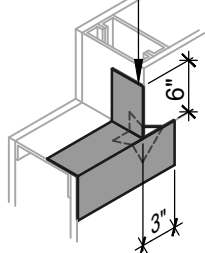
BLUESKIN
METAL CLAD

HENRY 925 BES SEALANT
OR AIR-BLOC LF



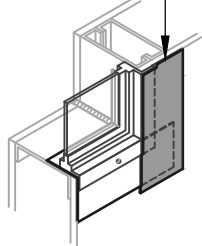
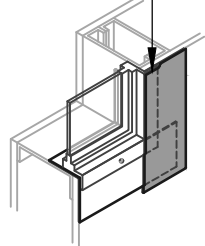
BLUESKIN
METAL CLAD

BLUESKIN
METAL CLAD
OR AIR-BLOC LF



BLUESKIN
METAL CLAD

BLUESKIN
METAL CLAD
OR AIR-BLOC LF



WINDOW SILL/JAMB FLASHING
SEALANT AND GUSSET METHODS

BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO
FLASHING

BLUESKIN METAL CLAD
OR AIR-BLOC LF

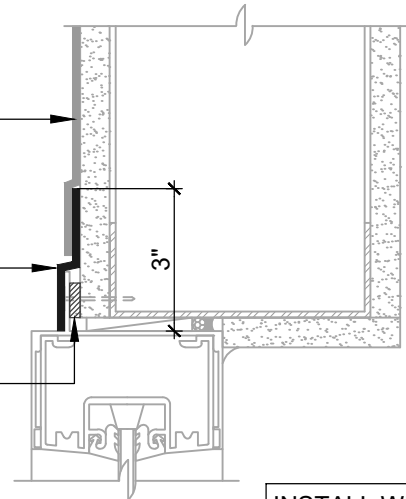
SET WINDOW FLANGE
INTO A BED OF
HENRY 925 BES SEALANT

BLUESKIN METAL CLAD
OR AIR-BLOC LF
EXTEND FLASHING
3" (SUGGESTED) INTO
ROUGH OPENING (2" MIN)

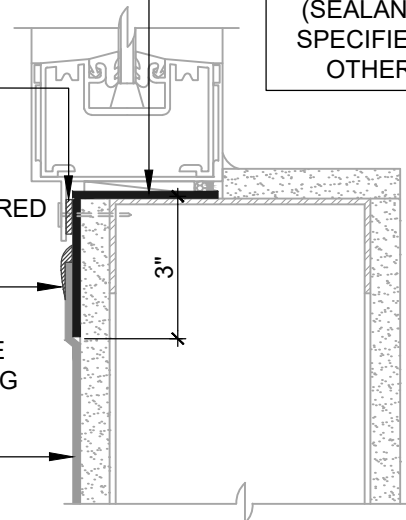
SET WINDOW FLANGE
INTO A BED OF
HENRY 925 BES SEALANT
APPLY INTERMITTENTLY ON
SILL FLANGE WHERE REQUIRED
TO ALLOW DRAINAGE

HENRY 925 BES SEALANT
OR AIR-BLOC LF
ENCAPSULATE UPPER EDGE
OF SELF-ADHERED FLASHING
REVERSE LAP

BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO
FLASHING



INSTALL WINDOW
PER WINDOW
MANUFACTURER
REQUIREMENTS
(SEALANT AS
SPECIFIED BY
OTHERS)



ASTM E2112 - METHOD A (SECTION VIEW)
FLASHING INSTALLED BEFORE WRB

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT**.
4. HENRY WINDOW FLASHING DETAILS ARE BASED ON ASTM E2112. ACTUAL CONDITIONS MAY VARY. VERIFY PROJECT SPECIFIC WINDOW INSTALLATION REQUIREMENTS AND FLASHING COMPATIBILITY WITH DESIGN PROFESSIONAL.
5. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY.
6. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

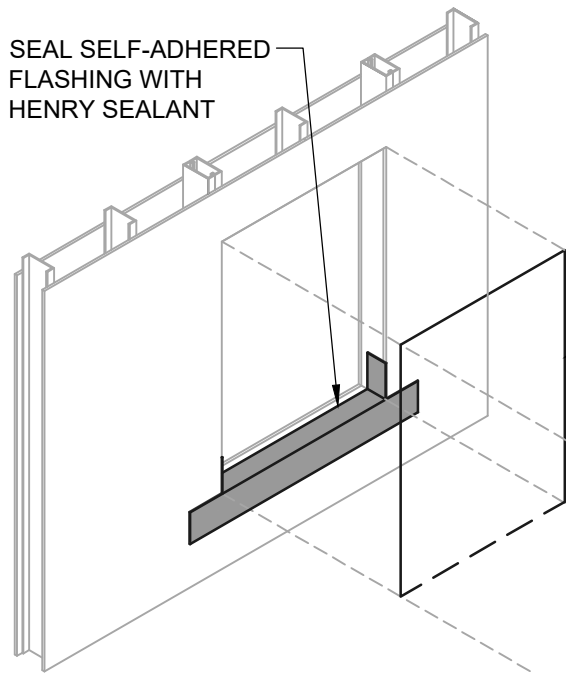
FLANGED WINDOW

**ASTM E2112 METHOD A
FLASHING INSTALLED BEFORE WRB**

SCALE: N.T.S.

01-09-2020

MTLCLD-6A-A



SEAL SELF-ADHERED FLASHING WITH HENRY SEALANT

SET WINDOW FLANGE INTO A BED OF HENRY SEALANT (APPLY INTERMITTENTLY ON SILL FLANGE AS REQUIRED PER WINDOW MANUFACTURER)

HENRY WINDOW FLASHING

INSTALL WINDOW PER WINDOW MANUFACTURER REQUIREMENTS

HENRY WINDOW FLASHING

DO NOT FLASH OVER BOTTOM NAILING FLANGE

HENRY WINDOW FLASHING

HENRY WATER RESISTIVE AIR BARRIER

HENRY WINDOW FLASHING

INSTALL WINDOW PER WINDOW MANUFACTURER REQUIREMENTS

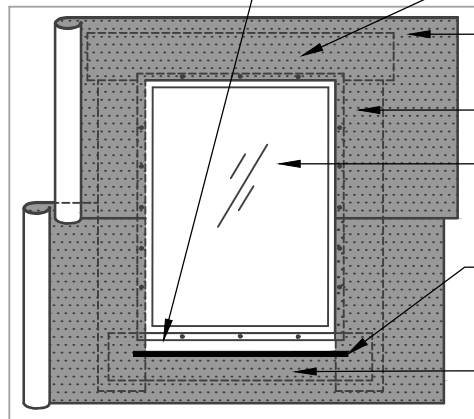
FULLY COAT REVERSE LAP AND TROWEL TO PROMOTE WATER SHEDDING

HENRY WINDOW FLASHING

ASTM E2112 - METHOD A
FLASHING INSTALLED BEFORE WRB

Henry WATER RESISTIVE BARRIER (WRB) ASSEMBLY

HENRY WATER RESISTIVE AIR BARRIER
• BLUESKIN METAL CLAD
HENRY WINDOW FLASHING
• BLUESKIN METAL CLAD
HENRY SEALANT
• HENRY 925 BES SEALANT
• AIR-BLOC LF



ASTM E2112 - METHOD A (ELEVATION)
FLASHING INSTALLED BEFORE WRB

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH**, **BLUESKIN SA** OR **BLUESKIN SA LT**.
4. HENRY WINDOW FLASHING DETAILS ARE BASED ON ASTM E2112. ACTUAL CONDITIONS MAY VARY. VERIFY PROJECT SPECIFIC WINDOW INSTALLATION REQUIREMENTS AND FLASHING COMPATIBILITY WITH DESIGN PROFESSIONAL.
5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.



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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

FLANGED WINDOW

**ASTM E2112 METHOD A
FLASHING INSTALLED BEFORE WRB**

SCALE: N.T.S.

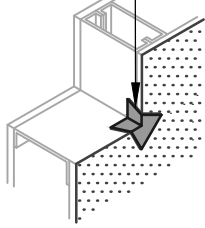
01-09-2020

MTLCLD-6A-B

OPTION #1

GUSSET

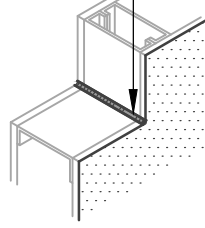
BLUESKIN METAL CLAD



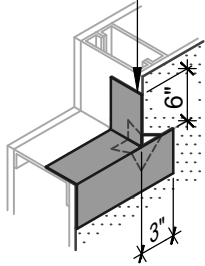
OPTION #2

SEALANT

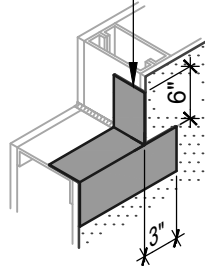
HENRY 925 BES SEALANT OR AIR-BLOC LF



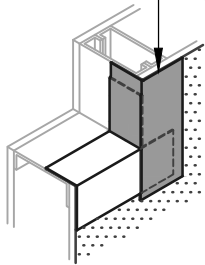
BLUESKIN METAL CLAD



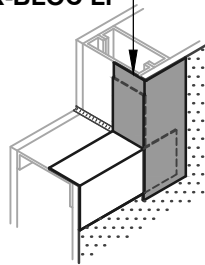
BLUESKIN METAL CLAD OR AIR-BLOC LF



BLUESKIN METAL CLAD



BLUESKIN METAL CLAD OR AIR-BLOC LF

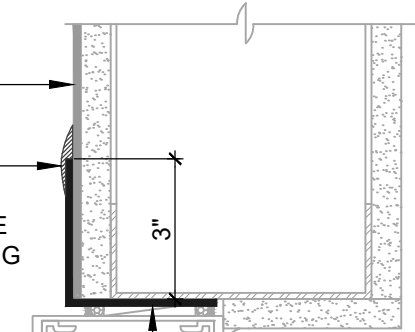


WINDOW SILL/JAMB FLASHING

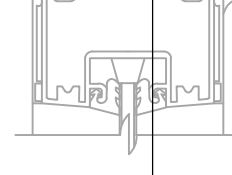
SEALANT AND GUSSET METHODS

BLUESKIN METAL CLAD

HENRY 925 BES SEALANT OR AIR-BLOC LF ENCAPSULATE UPPER EDGE OF SELF-ADHERED FLASHING REVERSE LAP

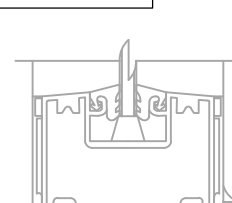


BLUESKIN METAL CLAD OR AIR-BLOC LF EXTEND FLASHING 3" (SUGGESTED) INTO ROUGH OPENING (2" MIN)

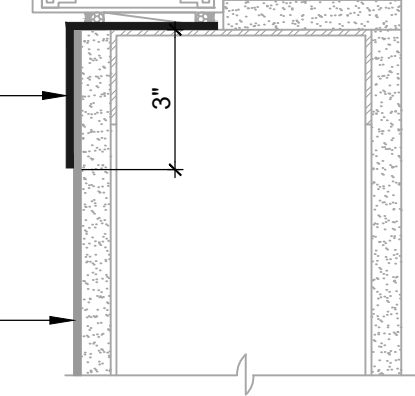


INSTALL WINDOW PER WINDOW MANUFACTURER REQUIREMENTS (SEALANT AS SPECIFIED BY OTHERS)

BLUESKIN METAL CLAD OR AIR-BLOC LF EXTEND FLASHING 3" (SUGGESTED) INTO ROUGH OPENING (2" MIN)



BLUESKIN METAL CLAD



ASTM E2112- METHOD B1 (SECTION VIEW)

FLASHING INSTALLED AFTER WRB

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT.**
4. HENRY WINDOW FLASHING DETAILS ARE BASED ON ASTM E2112. ACTUAL CONDITIONS MAY VARY. VERIFY PROJECT SPECIFIC WINDOW INSTALLATION REQUIREMENTS AND FLASHING COMPATIBILITY WITH DESIGN PROFESSIONAL.
5. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY.
6. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.



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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

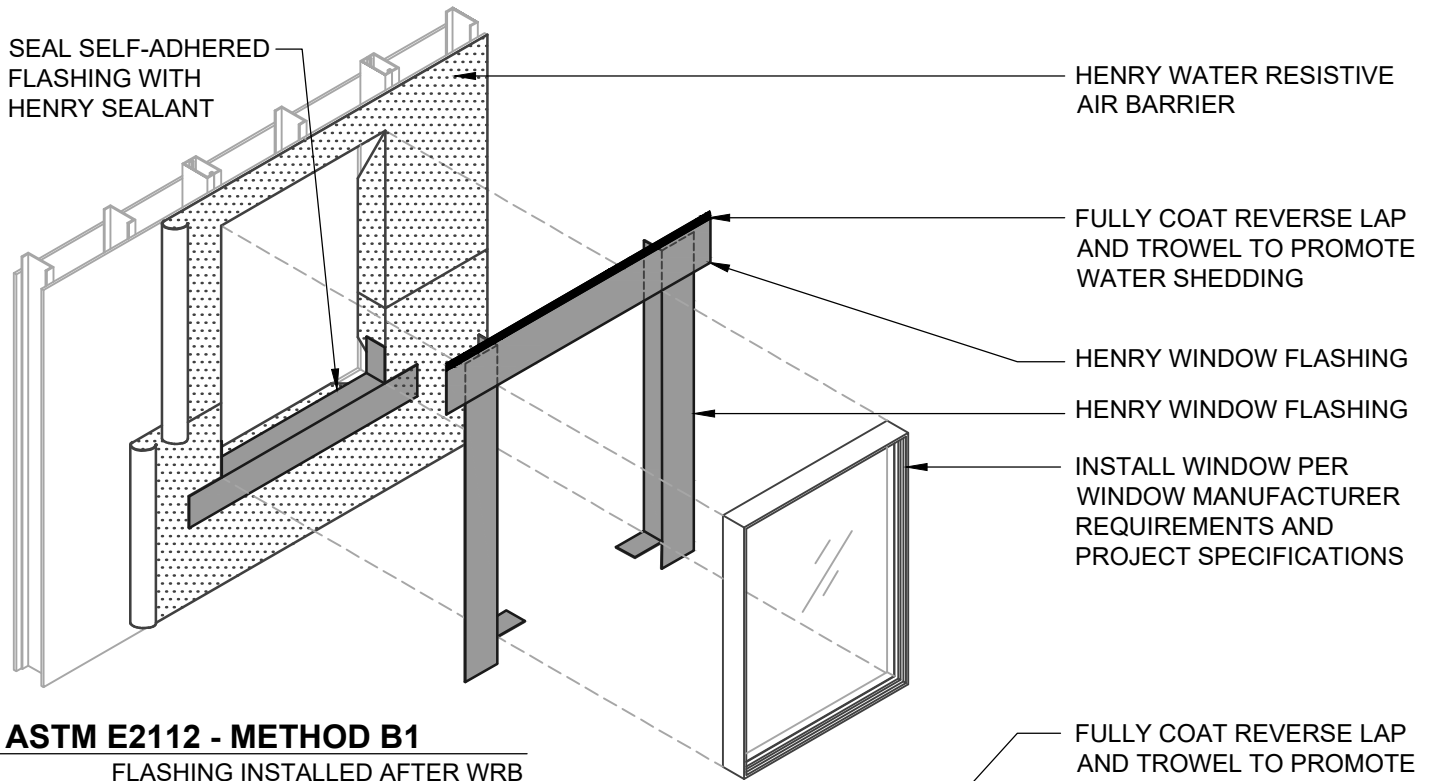
NON-FLANGED WINDOW

**ASTM E2112 METHOD B1
FLASHING INSTALLED AFTER WRB**

SCALE: N.T.S.

01-09-2020

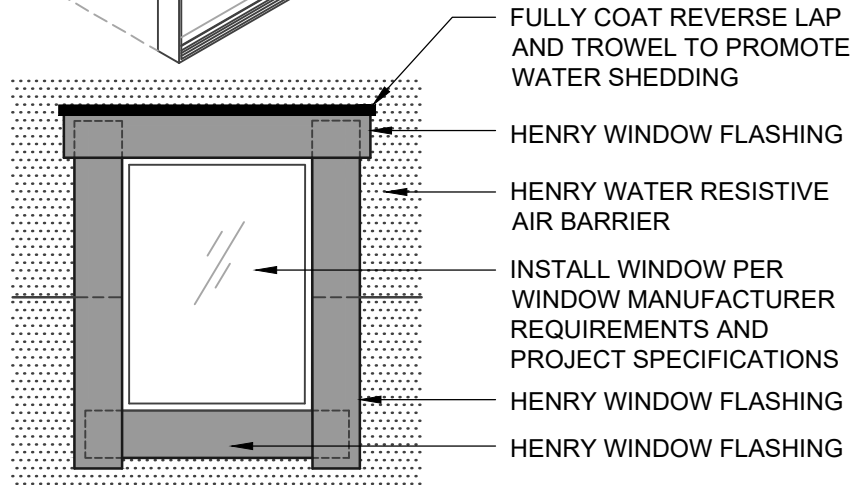
MTLCLD-6B1-A



ASTM E2112 - METHOD B1
FLASHING INSTALLED AFTER WRB

Henry WATER RESISTIVE BARRIER (WRB) ASSEMBLY

HENRY WATER RESISTIVE AIR BARRIER
• BLUESKIN METAL CLAD
HENRY WINDOW FLASHING
• BLUESKIN METAL CLAD
HENRY SEALANT
• HENRY 925 BES SEALANT
• AIR-BLOC LF



ASTM E2112 - METHOD B1 (ELEVATION)
FLASHING INSTALLED AFTER WRB

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH**, **BLUESKIN SA** OR **BLUESKIN SA LT**.
4. HENRY WINDOW FLASHING DETAILS ARE BASED ON ASTM E2112. ACTUAL CONDITIONS MAY VARY. VERIFY PROJECT SPECIFIC WINDOW INSTALLATION REQUIREMENTS AND FLASHING COMPATIBILITY WITH DESIGN PROFESSIONAL.
5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.



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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

NON-FLANGED WINDOW

ASTM E2112 METHOD B1
FLASHING INSTALLED AFTER WRB

SCALE: N.T.S.

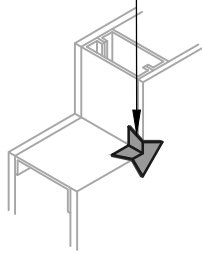
01-09-2020

MTLCLD-6B1-B

OPTION #1

GUSSET

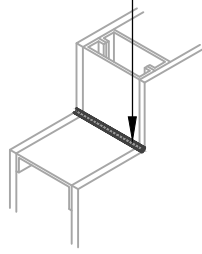
BLUESKIN METAL CLAD



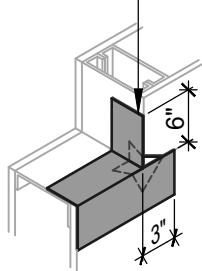
OPTION #2

SEALANT

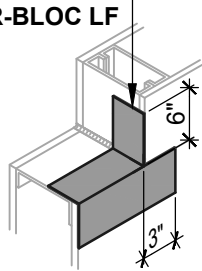
HENRY 925 BES SEALANT OR AIR-BLOC LF



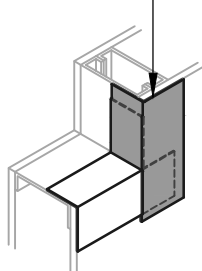
BLUESKIN METAL CLAD



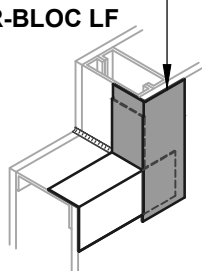
BLUESKIN METAL CLAD OR AIR-BLOC LF



BLUESKIN METAL CLAD



BLUESKIN METAL CLAD OR AIR-BLOC LF



WINDOW SILL/JAMB FLASHING

SEALANT AND GUSSET METHODS

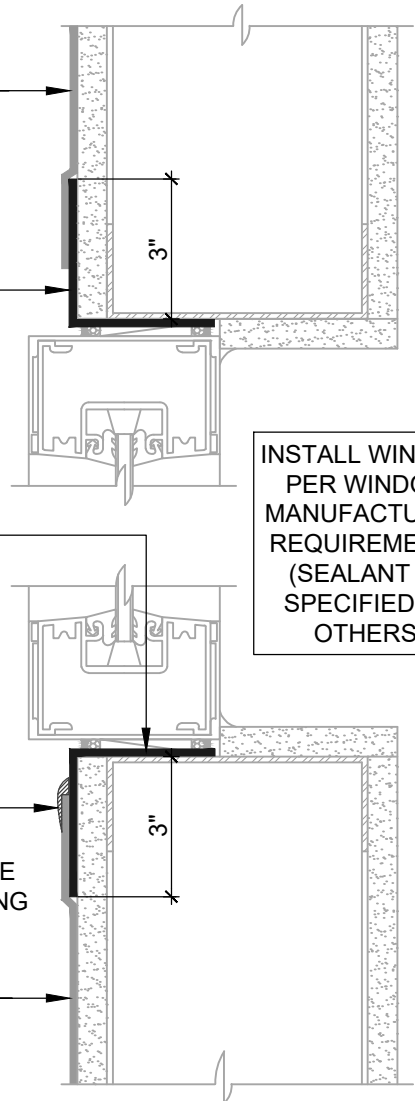
BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO FLASHING

BLUESKIN METAL CLAD OR AIR-BLOC LF
EXTEND FLASHING 3" (SUGGESTED) INTO ROUGH OPENING (2" MIN)

BLUESKIN METAL CLAD OR AIR-BLOC LF
EXTEND FLASHING 3" (SUGGESTED) INTO ROUGH OPENING (2" MIN)

HENRY 925 BES SEALANT OR AIR-BLOC LF
ENCAPSULATE UPPER EDGE OF SELF-ADHERED FLASHING REVERSE LAP

BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO FLASHING



INSTALL WINDOW PER WINDOW MANUFACTURER REQUIREMENTS (SEALANT AS SPECIFIED BY OTHERS)

ASTM E2112- METHOD B (SECTION VIEW)

FLASHING INSTALLED BEFORE WRB

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT**.
4. HENRY WINDOW FLASHING DETAILS ARE BASED ON ASTM E2112. ACTUAL CONDITIONS MAY VARY. VERIFY PROJECT SPECIFIC WINDOW INSTALLATION REQUIREMENTS AND FLASHING COMPATIBILITY WITH DESIGN PROFESSIONAL.
5. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY.
6. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.



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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

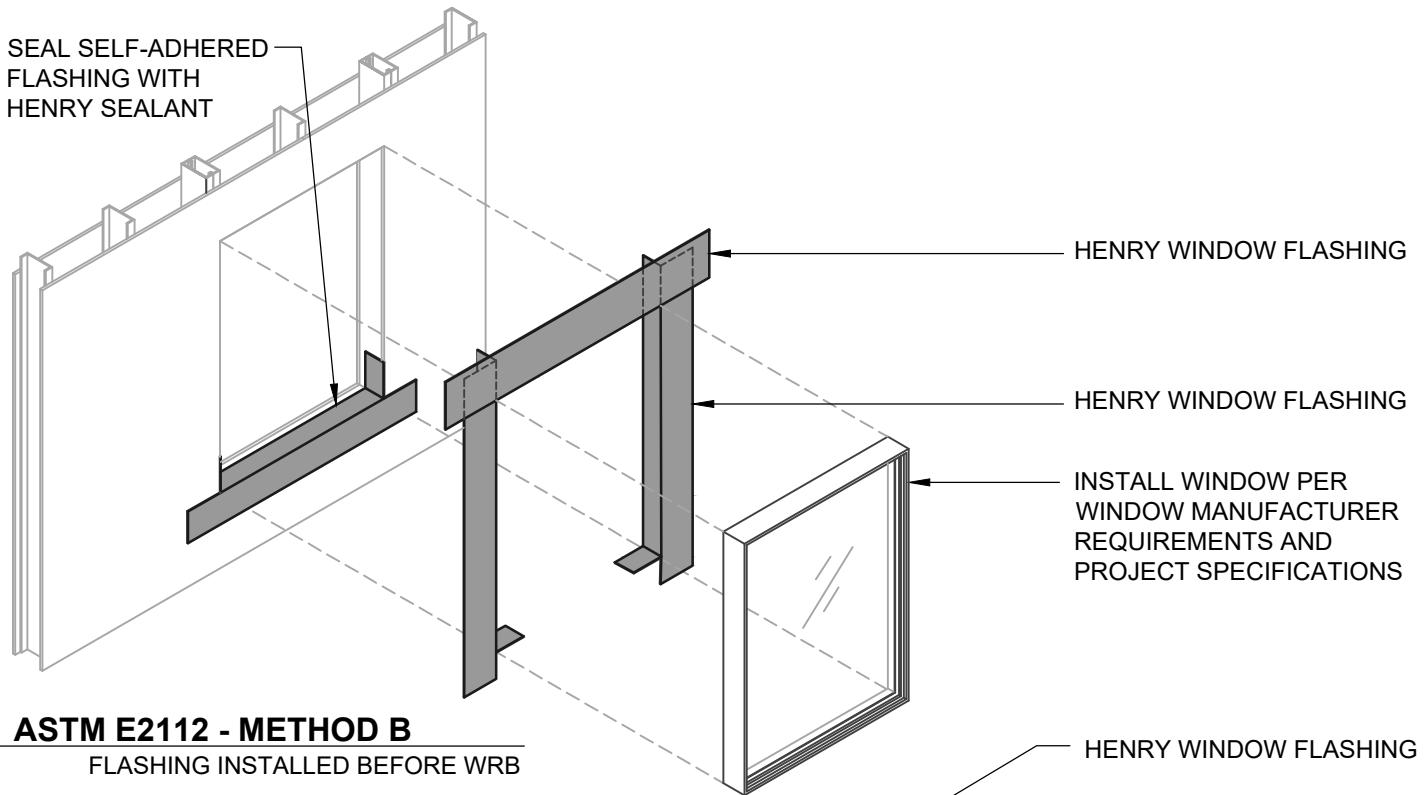
NON-FLANGED WINDOW

**ASTM E2112 METHOD B
FLASHING INSTALLED BEFORE WRB**

SCALE: N.T.S.

01-09-2020

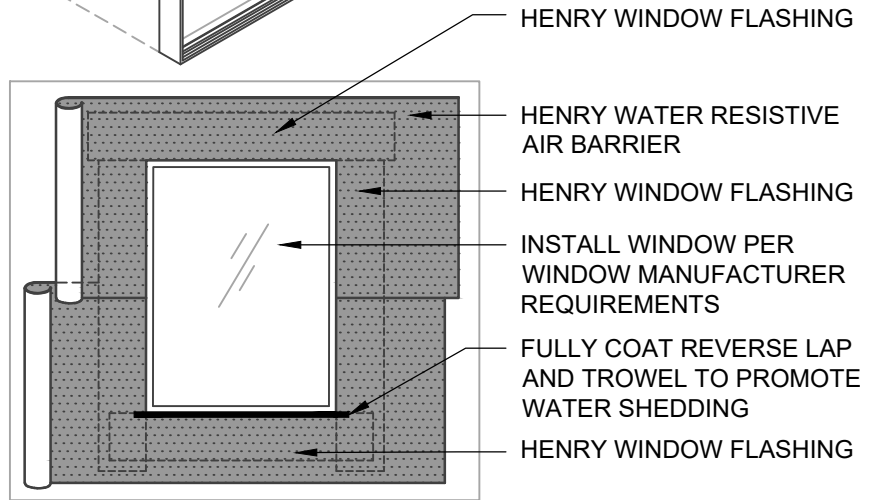
MTLCLD-6B-A



ASTM E2112 - METHOD B
FLASHING INSTALLED BEFORE WRB

Henry WATER RESISTIVE BARRIER (WRB) ASSEMBLY

HENRY WATER RESISTIVE AIR BARRIER
• BLUESKIN METAL CLAD
HENRY WINDOW FLASHING
• BLUESKIN METAL CLAD
HENRY SEALANT
• HENRY 925 BES SEALANT • AIR-BLOC LF



ASTM E2112 - METHOD B (ELEVATION)
FLASHING INSTALLED BEFORE WRB

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH**, **BLUESKIN SA** OR **BLUESKIN SA LT**.
4. HENRY WINDOW FLASHING DETAILS ARE BASED ON ASTM E2112. ACTUAL CONDITIONS MAY VARY. VERIFY PROJECT SPECIFIC WINDOW INSTALLATION REQUIREMENTS AND FLASHING COMPATIBILITY WITH DESIGN PROFESSIONAL.
5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.



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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

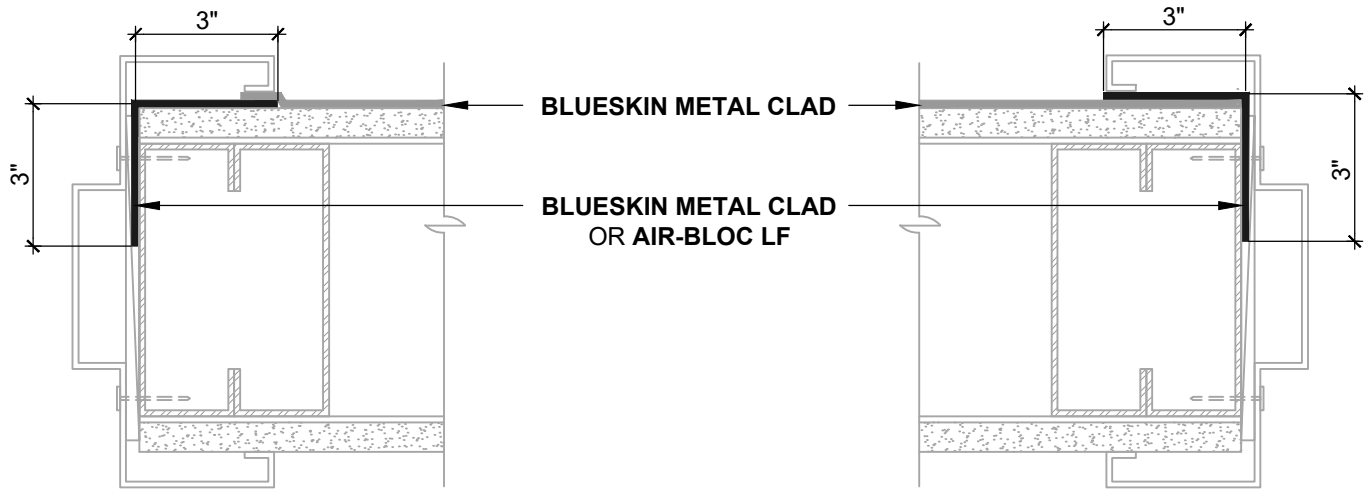
NON-FLANGED WINDOW

ASTM E2112 METHOD B
FLASHING INSTALLED BEFORE WRB

SCALE: N.T.S.

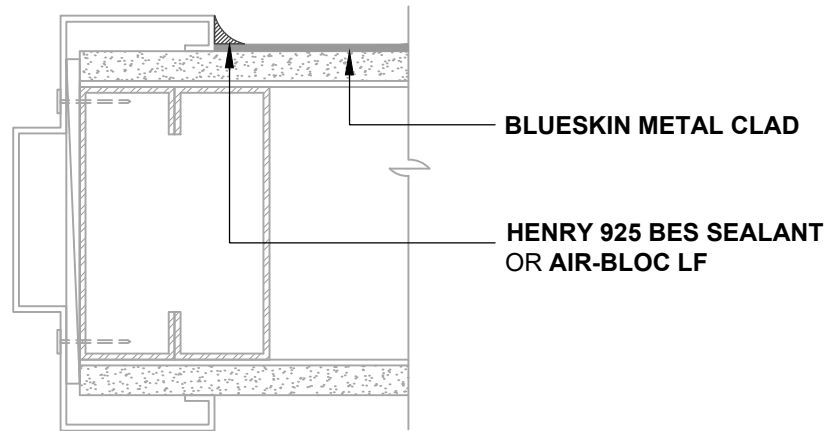
01-09-2020

MTLCLD-6B-B



ASTM E2112- METHOD B1 (PLAN VIEW)
FLASHING INSTALLED BEFORE WRB

ASTM E2112- METHOD B1 (PLAN VIEW)
FLASHING INSTALLED AFTER WRB



ASTM E2112- METHOD A (PLAN VIEW)
WRB INSTALLED AFTER DOOR FRAME

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT.**
4. HENRY WINDOW FLASHING DETAILS ARE BASED ON ASTM E2112. ACTUAL CONDITIONS MAY VARY. VERIFY PROJECT SPECIFIC WINDOW INSTALLATION REQUIREMENTS AND FLASHING COMPATIBILITY WITH DESIGN PROFESSIONAL.
5. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
6. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD GUIDE SPECIFICATION** FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

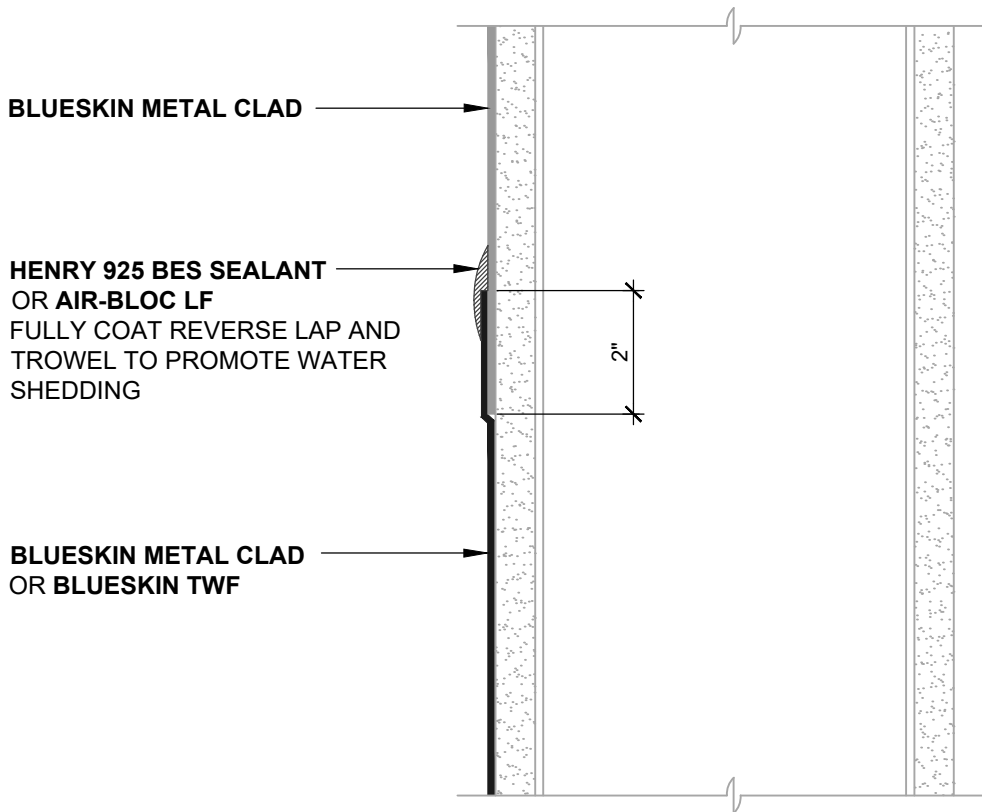
DOOR JAMB
TYPICAL JAMB FLASHING OPTIONS
HOLLOW METAL DOOR JAMB

SCALE: N.T.S. 01-09-2020

MTLCLD-6C

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REVERSE LAPS (SECTION VIEW)

FLASHING INSTALLED AFTER WRB

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT**.
4. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

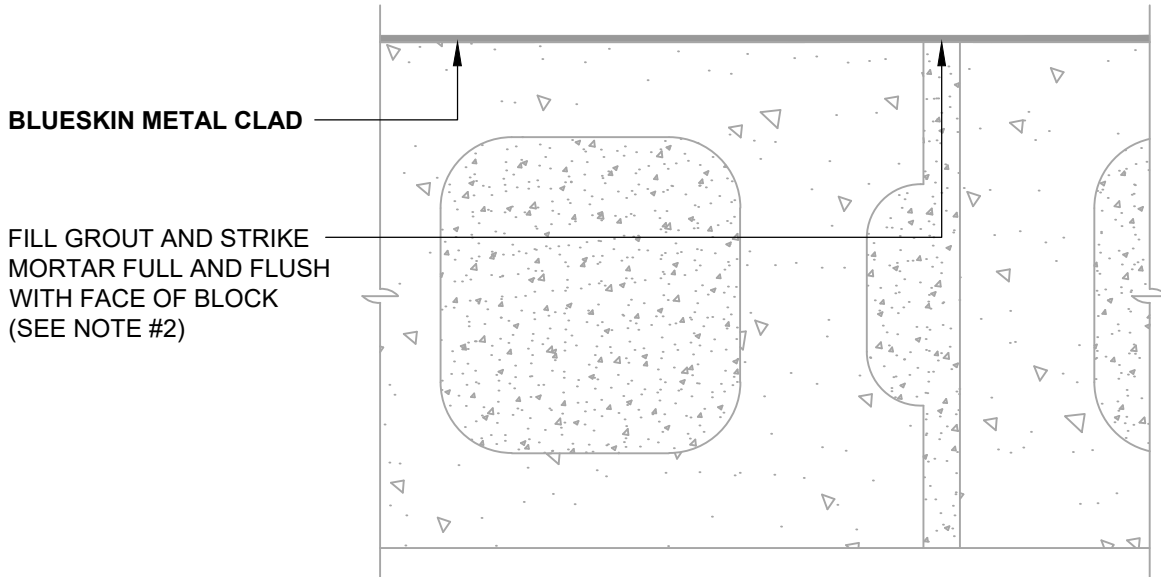
REVERSE LAP

**SELF-ADHERED FLASHING
 LAPPING ONTO BLUESKIN METAL CLAD**

SCALE: N.T.S.

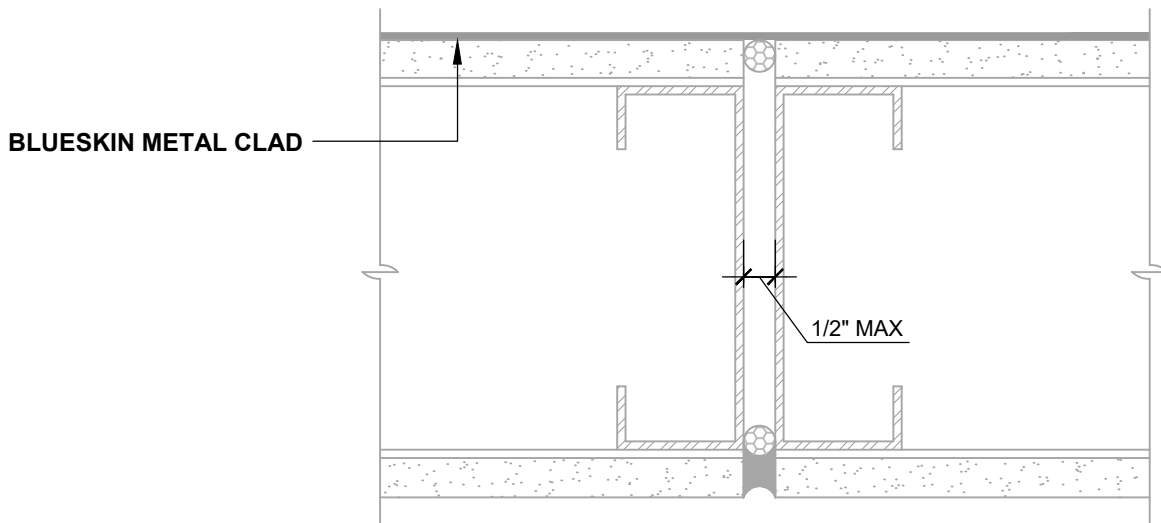
01-09-2020

MTLCLD-7A



CMU MORTAR JOINTS (PLAN VIEW)

STRIKE MORTAR FULL AND FLUSH



GAPS UP TO 1/2" MAX (PLAN VIEW)

FLASHING INSTALLED BEFORE WRB

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. FILL GROUT AND STRIKE CMU JOINTS FULL AND FLUSH TO CREATE A CONTINUOUS SUBSTRATE. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET FOR CURE TIME PRIOR TO AIR BARRIER INSTALLATION.
3. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
4. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY.
5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

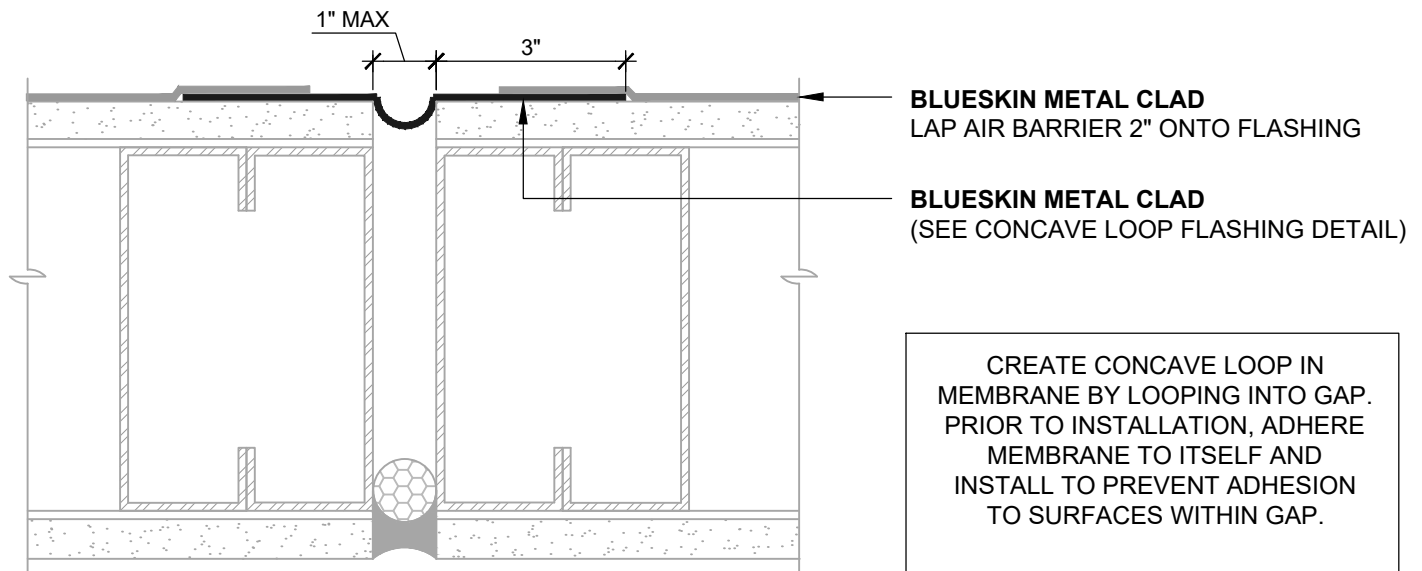
NON-MOVING JOINTS

**CMU MORTAR JOINTS AND
SUBSTRATE GAPS UP TO 1/2" WIDE MAXIMUM**

SCALE: N.T.S.

01-09-2020

MTLCLD-8A

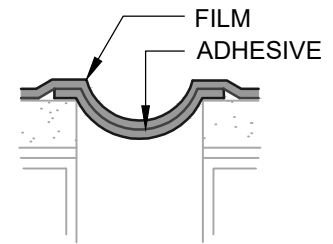


GAPS UP TO 1" MAX (PLAN VIEW)
FLASHING INSTALLED BEFORE WRB

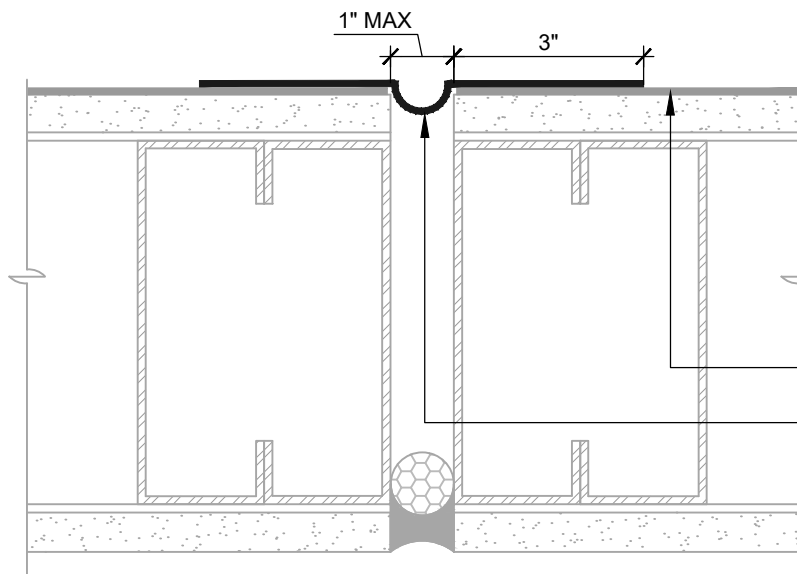
BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO FLASHING

BLUESKIN METAL CLAD
(SEE CONCAVE LOOP FLASHING DETAIL)

CREATE CONCAVE LOOP IN MEMBRANE BY LOOPING INTO GAP. PRIOR TO INSTALLATION, ADHERE MEMBRANE TO ITSELF AND INSTALL TO PREVENT ADHESION TO SURFACES WITHIN GAP.



CONCAVE LOOP FLASHING
"SIAMESE" FLASHING



GAPS UP TO 1" MAX (PLAN VIEW)
FLASHING INSTALLED AFTER WRB

BLUESKIN METAL CLAD

BLUESKIN METAL CLAD
(SEE CONCAVE LOOP FLASHING DETAIL)

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT.**
4. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY.
5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

NON-MOVING JOINTS

SUBSTRATE GAPS UP TO 1" WIDE MAXIMUM
SELF-ADHERED FLASHING

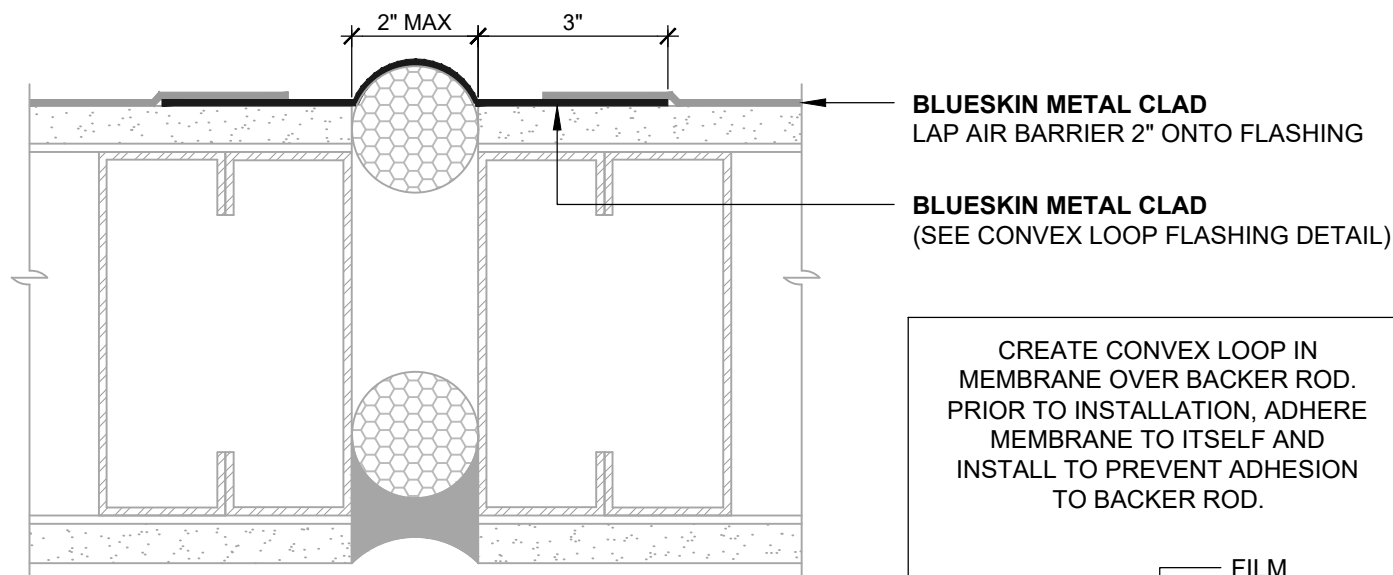
SCALE: N.T.S.

01-09-2020

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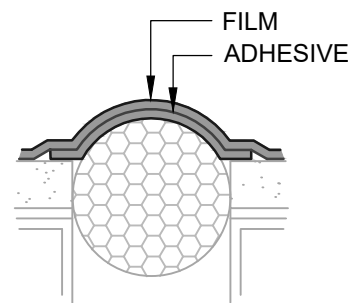


GAPS UP TO 2" MAX (PLAN VIEW)
FLASHING INSTALLED BEFORE WRB

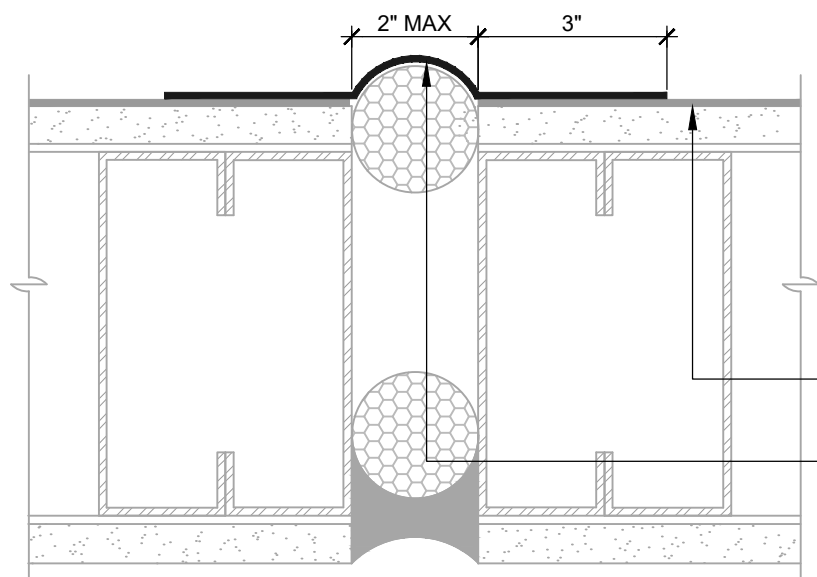
BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO FLASHING

BLUESKIN METAL CLAD
(SEE CONVEX LOOP FLASHING DETAIL)

CREATE CONVEX LOOP IN MEMBRANE OVER BACKER ROD. PRIOR TO INSTALLATION, ADHERE MEMBRANE TO ITSELF AND INSTALL TO PREVENT ADHESION TO BACKER ROD.



CONVEX LOOP FLASHING
"SIAMESE" FLASHING



GAPS UP TO 2" MAX (PLAN VIEW)
FLASHING INSTALLED AFTER WRB

BLUESKIN METAL CLAD

BLUESKIN METAL CLAD
(SEE CONVEX LOOP FLASHING DETAIL)

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH**, **BLUESKIN SA** OR **BLUESKIN SA LT**.
4. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY.
5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

NON-MOVING JOINTS

**SUBSTRATE GAPS UP TO 2" WIDE MAXIMUM
SELF-ADHERED FLASHING**

SCALE: N.T.S.

01-09-2020

MTLCLD-8C

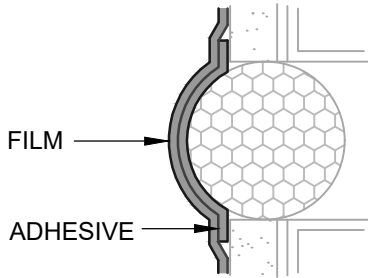
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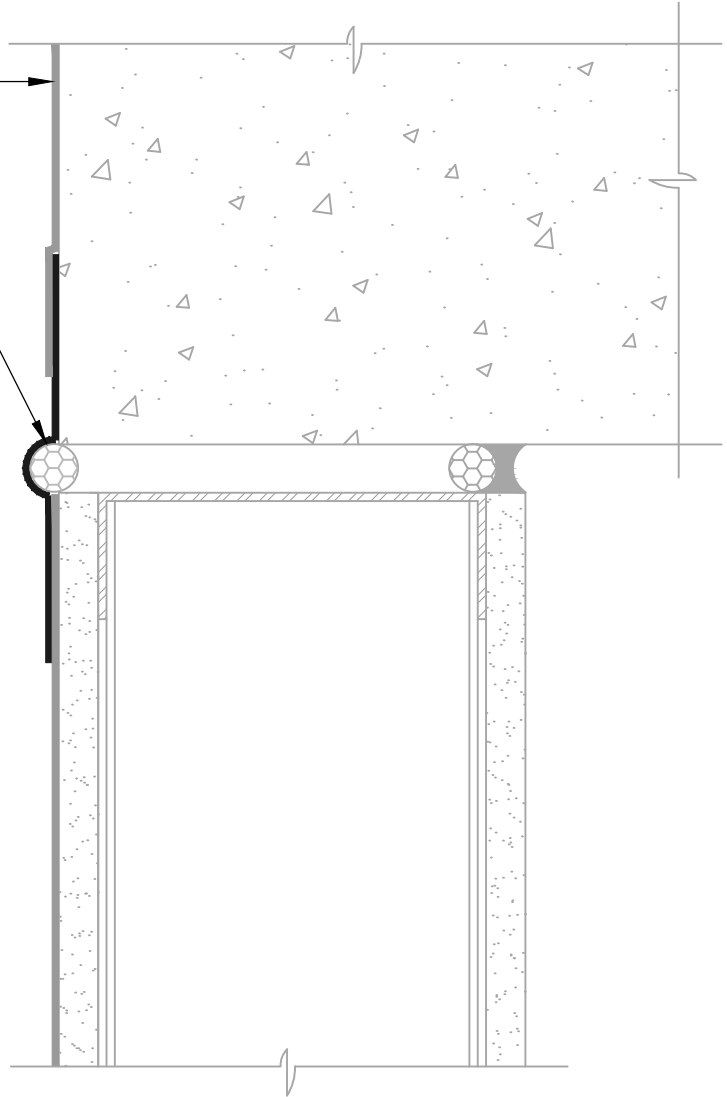
BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO FLASHING

BLUESKIN METAL CLAD
(SEE CONVEX LOOP FLASHING DETAIL)

CREATE CONVEX LOOP IN
MEMBRANE OVER BACKER ROD.
PRIOR TO INSTALLATION, ADHERE
MEMBRANE TO ITSELF AND
INSTALL TO PREVENT ADHESION
TO BACKER ROD.



CONVEX LOOP FLASHING
"SIAMESE" FLASHING



NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
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3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT.**
4. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

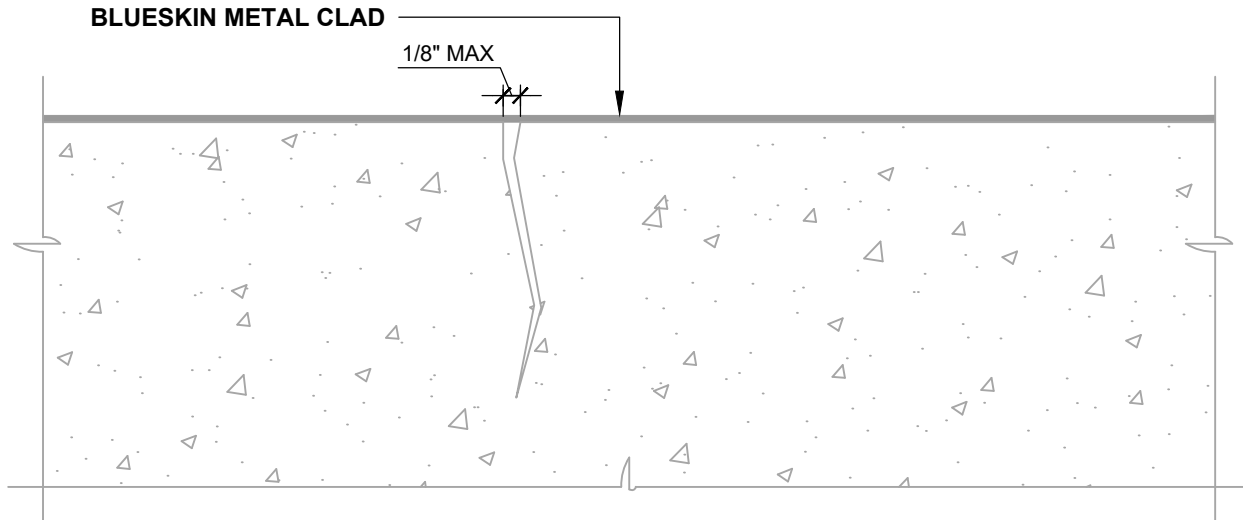
DEFLECTION JOINT

**HORIZONTAL DEFLECTION JOINT
SELF-ADHERED FLASHING**

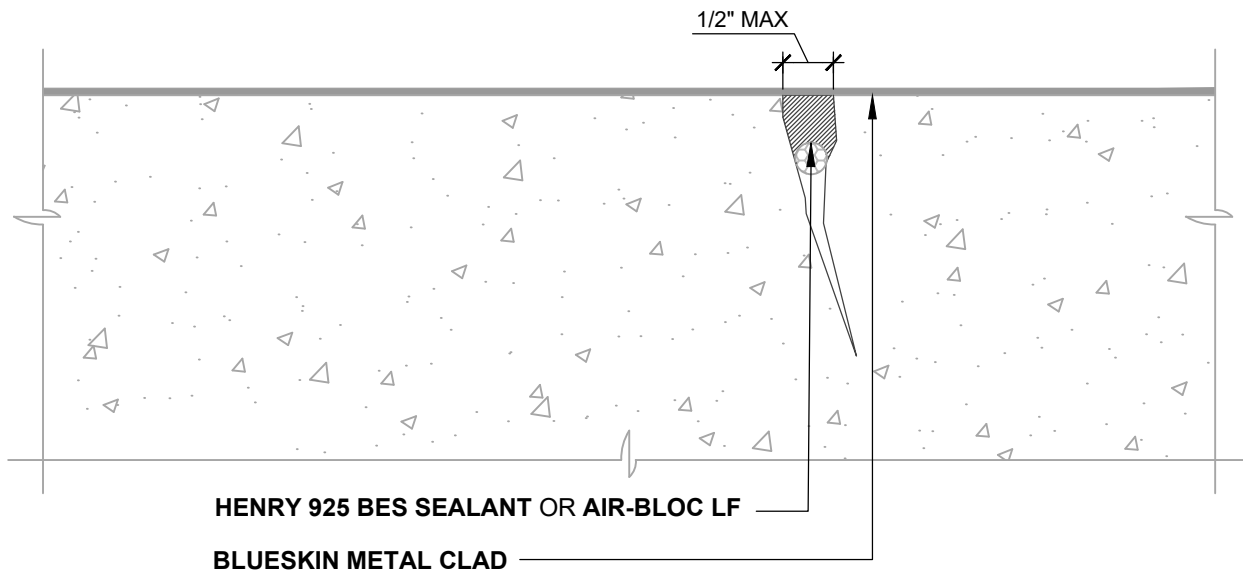
SCALE: N.T.S.

01-09-2020

MTLCLD-8D



GAPS UP TO 1/8" MAX (PLAN VIEW)
NO SUPPLEMENTARY SEALANT REQUIRED



GAPS UP TO 1/2" MAX (PLAN VIEW)
SEALANT OR LIQUID APPLIED FLASHING
INSTALLED BEFORE WRB

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. THIS DETAIL IS SPECIFIC TO MASONRY AND CONCRETE SUBSTRATES ONLY. REFER TO NON-MOVING JOINT DETAILS FOR OTHER SUBSTRATE FLASHINGS.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
4. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

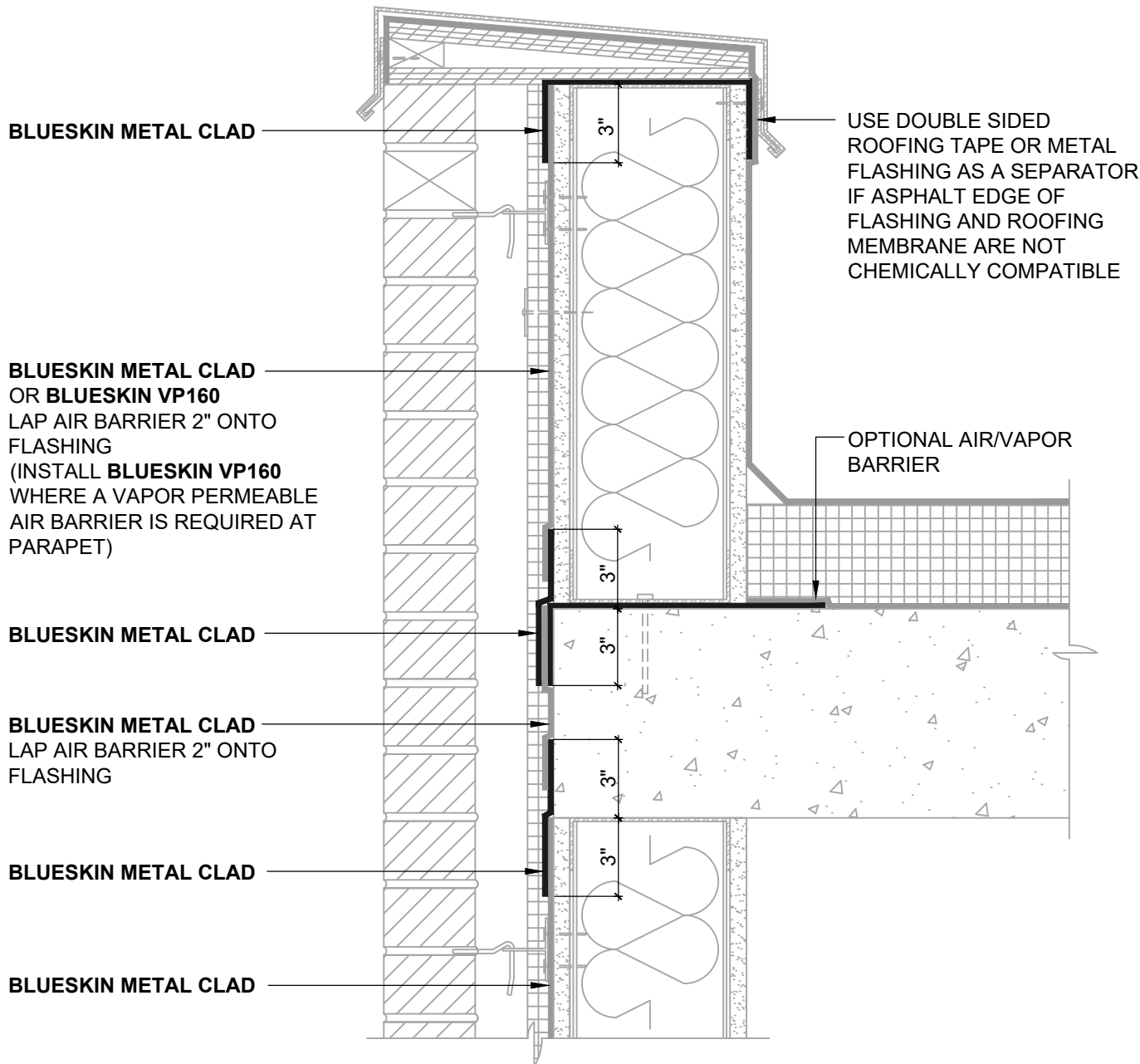
SUBSTRATE CRACKS

**MASONRY AND CONCRETE SUBSTRATE
CRACKS UP TO 1/2" WIDE MAXIMUM**

SCALE: N.T.S.

01-09-2020

MTLCLD-8E



NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
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5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED AIR BARRIER

PARAPET TRANSITION

AIR BARRIER INSTALLED ON FRONT OF WALL AND ROOFING ASSEMBLY INSTALLED ON BACK OF WALL

SCALE: N.T.S.

01-09-2020

MTLCLD-9A

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HENRY HIGH TEMPERATURE
ROOFING UNDERLAYMENT

BLUESKIN METAL CLAD

BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO
FLASHING

BLUESKIN METAL CLAD

BLUESKIN METAL CLAD
LAP AIR BARRIER 2" ONTO
FLASHING

BLUESKIN METAL CLAD

BLUESKIN METAL CLAD

BLUESKIN PE200HT
OR BLUESKIN VP160
LAP AIR BARRIER 2" ONTO FLASHING
(INSTALL **BLUESKIN VP160**
WHERE A VAPOR PERMEABLE AIR
BARRIER IS REQUIRED AT PARAPET)

USE DOUBLE SIDED ROOFING TAPE
OR METAL FLASHING AS A
SEPARATOR IF ASPHALT EDGE OF
FLASHING AND ROOFING MEMBRANE
ARE NOT CHEMICALLY COMPATIBLE

OPTIONAL AIR/VAPOR
BARRIER

NOTES:

1. DETAIL SHOWS **BLUESKIN METAL CLAD SELF-ADHERED WATER RESISTIVE AIR BARRIER**. SUBSTRATE SHOWN IS FOR REFERENCE ONLY. ACCEPTABLE SUBSTRATES INCLUDE PLYWOOD, OSB, CONCRETE, CMU, METAL, AND EXTERIOR GRADE SHEATHING.
2. SELF-ADHERED MEMBRANE PRIMER NOT SHOWN FOR CLARITY.
3. OTHER FLASHING OPTIONS INCLUDE: **BLUESKIN BUTYL FLASH, BLUESKIN SA OR BLUESKIN SA LT.**
4. INSTALL **BLUESKIN METAL CLAD** TO ACHIEVE A CONTINUOUS WATER-RESISTIVE BARRIER (WRB). INSULATION AND CLADDING NOT SHOWN FOR CLARITY. REFER TO LOCAL CODE ORDINANCES FOR INSULATION AND VAPOR BARRIER REQUIREMENTS.
5. REFER TO PRODUCT SPECIFIC TECHNICAL DATA SHEET (TDS) AND **BLUESKIN METAL CLAD** GUIDE SPECIFICATION FOR INSTALLATION PROCEDURES.

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BLUESKIN METAL CLAD SELF-ADHERED BARRIER

PARAPET TRANSITION

**AIR BARRIER INSTALLED ON FRONT OF WALL
AND AIR BARRIER INSTALLED ON BACK OF WALL**

SCALE: N.T.S.

01-09-2020

MTLCLD-9B

Warranty #: SAMPLE
Issued:
Expiration:

**HENRY COMPANY ("HENRY")
5 YEAR EXTENDED MATERIAL WARRANTY
BLUESKIN® HE200AM METAL CLAD® ("PRODUCT")**

Building Name:
Building Location:
Building OWNER: ("OWNER")
Date Product(s) Installation Completed:
Contractor:
Square Footage:

What This Limited Warranty Covers:

Commencing with the date of completion of installation of the Product(s) and continuing for the duration of this Warranty, if manufacturing defects in the Product(s) cause the Product(s) to not perform in conformance with the Product(s) label or tech data sheet, as published on www.henry.com at time of warranty issuance, or for its intended application, then HENRY at its sole option will, subject to the following section (What This Warranty Does Not Cover), either (1) refund OWNER's original purchase price for the Product(s) prorated by the unused portion of the warranty term; or (2) provide the amount of Product(s) necessary to make repairs. Under option (1), during the first year after installation of the Product(s), HENRY will refund OWNER's purchase price for the Product(s), exclusive of installation cost and minus any proration and costs previously incurred by HENRY for the replacement of Product(s) under this Warranty. After the first year, the purchase price to be refunded will be prorated by the remaining number of years of the Warranty term, minus any cost previously incurred by HENRY for the replacement of Product(s) under this Warranty.

Decisions as to the extent of repair or replacement required will be made solely by HENRY. The opinion of HENRY with respect to this matter shall be final. The remedy under this Warranty is available only for that portion of the Product(s) exhibiting defects at the time of the warranty claim. The replacement Product(s) as well as any remaining original Product(s) will be warranted only for the original warranty period. This limited warranty applies only to Product(s) used for an application specified by HENRY for the Product(s) and applied in strict accordance with HENRY published specifications, as published on www.henry.com in effect at the time of application. IF PRODUCT(S) IS USED FOR OTHER THAN A HENRY SPECIFIED APPLICATION, MISUSED OR ABUSED, IT IS SOLD AS IS AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

What This Warranty Does Not Cover:

This Warranty warrants that the Product(s) will be free from manufacturing defects which affect the ability of the Product(s) to perform in conformance with the Product(s) label or tech data sheet for its intended application during the Warranty Period; it is not a warranty that the Product(s) will never leak or age or to undertake responsibilities, liabilities or obligations other than those specifically identified in the preceding section.

The Contractor who installs the Product(s) is not a representative, agent or employee of HENRY. HENRY therefore is not bound by any representations made by the Contractor and does not warrant or guarantee the Contractor's workmanship.

HENRY is not responsible or liable for: (a) personal injury or property damage of any kind, even if arising from a breach of this Warranty, (b) damage to the building, or to other components of the building or its contents, including mold, mildew or interruption or complete disruption in the use of the building, (c) expenses associated with installation, removal, excavation, or replacement of other materials, building assemblies, mechanical equipment or scaffolding in connection with accessing, testing, repairing, removal, or replacement of the Product(s), (d) change in color or other aesthetic diminution, and (e) damage to the Product(s) attributable to one or more of the following conditions:

1. Acts of God and natural calamities (including, but without limitation, lightning, Beaufort Scale 10 or higher winds, hurricane, tornado, hail,

earthquake, flood, or other violent storm or casualty), impact of objects or damage to the Product(s) due to settlement, distortion, failure or cracking of the roof deck, walls or foundation of the building, or for any splitting, cracking, blistering, delamination or separation of the Product(s) due to defect and/or failure of underlying materials not supplied by HENRY or for damage by foot traffic.

2. Civil insurrection, war, riot, terrorism, intentional destruction or vandalism.
3. Exposure to ionized radiation, contamination by radioactivity from any nuclear source, or bird droppings, chemical, or vermin attack on the Product(s).
4. Failure to timely report leaks or to repair leaks not covered by this Warranty.
5. Leaks caused by water entering from building components adjacent to the Product(s) or moisture migration either through or around other building components such as rooftop equipment, walls, copings, pitch pans and details which do not conform with HENRY details.
6. Installations on or through the Product(s) unless done in a manner prescribed and accepted by HENRY.
7. Repairs or alterations to the Product(s) that are not authorized first in writing by HENRY.
8. Inadequate rooftop drainage or ponding lasting longer than 48 hours as defined by the National Roofing Contractors Association.
9. Normal wear and tear.

Obtaining Warranty Service:

If the Product(s) fails to perform in conformance with the Product(s) label or tech data sheet for its intended application, notify HENRY by email at warranty@henry.com, within 48 hours or within the next business day after discovery of any defect in the Product(s). The OWNER must give written notice to HENRY no later than thirty (30) days after a defect is discovered or should by reasonable diligence have been discovered. Claims under this Warranty will require proof of purchase by the OWNER. HENRY is not responsible for any claims without such proof of purchase. A purchase receipt or other proof of date of original purchase is required before warranty service is provided. Should the alleged failure or the remedy sought by the OWNER lie outside the scope of this Warranty, OWNER agrees to promptly reimburse HENRY for the cost of any investigation requested by OWNER, including remedy costs, plus a HENRY administrative fee of \$250.00.

Time for Remedy:

HENRY shall have forty-five (45) days after receipt of written notification of a Product(s) defect to initiate either of the remedies contained in this Warranty unless prevented by acts of God or events beyond HENRY's reasonable control.

Limitations and Exclusions:

TO THE EXTENT PERMITTED BY APPLICABLE LAW, HENRY DISCLAIMS ANY OTHER WARRANTY EXPRESS OR IMPLIED, THAN THAT PROVIDED FOR HEREIN. THIS WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES, GUARANTEES, CONDITIONS AND REPRESENTATIONS, EXPRESS OR IMPLIED, ORAL OR WRITTEN, STATUTORY OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY IMPLIED CONDITIONS OR WARRANTIES AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE HENRY PRODUCT(S). SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE

ABOVE LIMITATION MAY NOT APPLY TO YOU. HENRY DOES NOT AUTHORIZE ANY PERSON INCLUDING ITS REPRESENTATIVES, TO MAKE ANY REPRESENTATION OR TO OFFER ANY WARRANTY, CONDITION OR GUARANTY IN RESPECT OF THE PRODUCT(S) OTHER THAN THIS WARRANTY. THIS MATERIAL WARRANTY CANNOT BE MODIFIED EXCEPT IN WRITING SIGNED BY HENRY'S WARRANTY MANAGER. THIS LIMITED WARRANTY SHALL BE THE OWNER'S SOLE AND EXCLUSIVE REMEDY AGAINST HENRY AND UNDER NO CIRCUMSTANCES SHALL HENRY BE LIABLE FOR AN AMOUNT GREATER THAN THE ACTUAL PURCHASE PRICE OF THE UNIT OR FOR ANY CONSEQUENTIAL, EXEMPLARY, SPECIAL, INCIDENTAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF USE, OR DAMAGE TO THE BUILDING OR ITS CONTENTS OR THE ROOF DECK. INCIDENTAL, CONSEQUENTIAL AND EXEMPLARY DAMAGES SHALL NOT BE RECOVERABLE EVEN IF THE REMEDIES OR THE ACTIONS PROVIDED FOR IN THIS WARRANTY FAIL OF THEIR ESSENTIAL PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. HENRY SHALL NOT BE LIABLE FOR ANY DAMAGES WHICH ARE BASED UPON NEGLIGENCE, GROSS NEGLIGENCE, BREACH OF WARRANTY, BREACH OF CONTRACT, STRICT LIABILITY OR ANY OTHER LEGAL THEORY OF LIABILITY OTHER THAN THE EXCLUSIVE LIABILITY SET FORTH IN THIS WARRANTY.

Conditions of Warranty:

HENRY's continuing liability under this Warranty is conditioned upon the following:

- a) The Product(s) was stored, handled, applied and maintained in accordance with HENRY's instructions, recommendations and specifications in effect at the time of application;
- b) The Product(s) and all components thereof have been sold by HENRY except where authorized by HENRY;
- c) HENRY and the Contractor have been paid in full for the Product(s);
- d) The Product(s) has not been altered, modified or repaired without prior written approval of HENRY;
- e) The OWNER has notified HENRY in writing of any failure of the Product(s) covered by this Warranty within thirty (30) days following such failure;

- f) There has been no misuse, abuse or negligence with respect to the Product(s) on the part of the OWNER, facility or mechanical tradesmen.

Transfer:

This Warranty is assignable conditioned upon prior written approval by HENRY. Such approval is subject to the terms, conditions and fees contained in HENRY's application for transfer of warranty.

Waiver:

HENRY's failure at any time to enforce or rely upon any of the terms or conditions stated herein shall not be construed to be a waiver of its rights hereunder.

OWNER's Agreement:

HENRY would not agree to assume the obligations contained in this Warranty in the absence of any of the limitations and exclusions contained herein. Therefore, (1) OWNER's agreement to each and every term of this Warranty is an essential condition precedent to HENRY's obligations hereunder; (2) in the absence of such agreement by the OWNER the Product(s) is sold AS IS AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE; (3) failure of any condition precedent herein shall discharge HENRY from all further obligation under this Warranty, and the disclaimer herein of any other warranties, conditions and representations shall survive; and (4) by accepting or asserting any rights hereunder, OWNER irrevocably agrees to indemnify and hold harmless HENRY, its affiliates, successors, assigns, directors, officers, employees and agents (each an "Indemnified Party") from and against all claims, expenses (including attorney's fees and expenses), losses, liabilities and damages in any way related to or arising from matters described in the section of this Warranty entitled "What This Warranty Does Not Cover," and all amounts paid in defense of the foregoing which may be imposed upon, incurred by or asserted against an Indemnified Party by any person, firm or entity.

Except as otherwise expressly provided above, this Warranty shall be governed by and construed in accordance with the laws of the State of Texas without regard to conflict of law rules.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR COUNTRY TO COUNTRY, IF OUTSIDE OF THE UNITED STATES.

HENRY COMPANY

By: _____ Date: _____
Name: _____

NOTE: SAMPLE WARRANTIES ARE PROVIDED CONDITIONALLY AND SHOULD NOT BE CONSTRUED OR INTERPRETED AS A REPRESENTATION OR PROMISE THAT HENRY WILL IN FACT PROVIDE SUCH A WARRANTY FOR A SPECIFIC PROJECT. HENRY WARRANTIES ARE NOT VALID OR BINDING UNLESS AND UNTIL ALL OF HENRY'S REQUIREMENTS FOR WARRANTY ISSUANCE ARE MET AND A PROJECT-SPECIFIC WARRANTY IS ISSUED. HENRY RESERVES THE RIGHT TO MODIFY THE TERMS OF ITS SAMPLE WARRANTIES FOR ANY REASON, AT ANYTIME, WITH OR WITHOUT NOTICE. FOR MORE INFORMATION ABOUT HENRY'S REQUIREMENTS, PLEASE CONTACT THE HENRY WARRANTY DEPARTMENT AT WARRANTY@HENRY.COM.

Product Certification

Henry® Blueskin® Metal Clad® Self-Adhered Water Resistive Air Barrier

Blueskin Metal Clad is a self-adhered water resistive air barrier consisting of rubberized asphalt and dual-layers of high strength poly with a surface layer metallic aluminum film designed to provide a vapor impermeable water resistive barrier when applied to above-grade wall assemblies. Henry Company manufacturing facilities implement full time quality control. Each batch of Blueskin Metal Clad is tested to confirm compliance with the physical properties as stated on the product specific Henry technical data sheet.

Blueskin Metal Clad meets the following standards:

- ASTM E2357 - Assembly Air Leakage
- CAN/ULC-S742 – Air Leakage Rate, Classification A1
- NFPA 285 - Complies in various wall assemblies (see Henry NFPA 285 Teck-Talk Bulletin)

Blueskin Metal Clad is chemically compatible with the following substrates: exterior gypsum board, masonry, concrete, CMU, foil faced sheathing, ICF, stone, wood, pressure treated lumber, plywood, OSB, primed steel, aluminum mill finish, anodized aluminum, galvanized metal, and rigid insulation including EPS, XPS, and polyisocyanurate insulation.

Blueskin Metal Clad is chemically compatible with the following commonly used Henry products:

- Air-Bloc® Liquid-Applied Air Barriers
- Air-Bloc LF®
- Blueskin Butyl Flash
- Blueskin PE200HT
- Blueskin SA / Blueskin SA LT
- Blueskin RF200 / Blueskin RF200TM
- Blueskin TWF Thru-Wall Flashing
- Blueskin VP160
- Blueskin WP200
- Henry 925 BES Sealant
- Primer/adhesives:
 - Aquatac™ Primer, Blueskin Adhesive, Blueskin LVC Adhesive and Blueskin LVC Spray Primer

Blueskin Metal Clad does not contain lead, PBDE or PCBs, and has a VOC content of 0 g/L, max.

Refer to the product specific technical data sheet available at www.henry.com for further information or contact Henry Technical Support at 800-486-1278.

LEED Certification

Henry® Blueskin® Metal Clad® Self-Adhered Water Resistive Air Barrier

Blueskin Metal Clad is a UV resistant self-adhered water resistive air barrier membrane comprised of rubberized asphalt and dual-layers of high strength polyolefin with a surface layer metallic aluminum film designed to provide a vapor impermeable, water resistive air barrier when applied to above-grade wall assemblies.

Blueskin Metal Clad has the following typical physical characteristics:

MR - CREDIT 4.x – RECYCLED CONTENT

RECYCLED CONTENT (POST-CONSUMER): 0%

RECYCLED CONTENT (POST-INDUSTRIAL): 0%

MR - CREDIT 5.x– REGIONAL MATERIALS

EXTRACTION SITE:

Raw materials are sourced to Henry from various North American sources and extraction site of raw materials may vary without notice. As a result, the extraction site of materials used to manufacture this product is undetermined.

MANUFACTURING SITE:

Petrolia, Ontario, Canada, N0N1R0

VOC CONTENT:

0 g/L

Refer to the product specific technical data sheet available at www.henry.com for further information or contact Henry Technical Support at 800-486-1278.