



Above-Grade Waterproofing Systems

A comprehensive portfolio of above-grade waterproofing systems



Scan for more information
on waterproofing

Faster, more flexible waterproofing protection

Henry® Company offers a comprehensive portfolio of above-grade waterproofing systems designed to protect projects from water intrusion. Our hot and cold fluid-applied waterproofing systems are also engineered to give designers more flexibility before the project begins, and to make installation faster and easier once it's underway.

Applications include:

- Green roof assemblies
 - Plaza/parking decks
 - Vehicular traffic systems
 - Pedestrian/balcony systems
 - Fountains and tunnels
- And more!





Proven systems and unmatched support

Backed by over five decades of waterproofing expertise, Henry Company above-grade waterproofing systems can meet virtually any application or project requirement. Our hot and cold fluid-applied waterproofing systems feature fully compatible flashings, sealants and accessories. And as with all Henry solutions, our above-grade waterproofing systems are backed by technical and on-site support that's second to none.

Part of a complete Building Envelope System

Unlike most waterproofing membranes that are standalone products, Henry above-grade waterproofing systems are also part of the **Henry Building Envelope Systems®** portfolio. Together with our foundation waterproofing systems, Henry above-grade waterproofing systems integrate seamlessly with our complete range of **Henry Building Envelope Systems**.

Let Henry help you find the best above-grade waterproofing system for your needs.

Henry 790-11 Hot Rubberized Asphalt

The industry standard for over 50 years

Since 1967, **Henry 790-11 Hot Rubberized Asphalt** has been maintaining its integrity across millions of square feet of high-traffic applications, including tunnels, parking garages, fountains, plazas and decking.

Henry 790-11 can bridge non-working cracks up to 1/16" wide creating a virtually seamless and flexible waterproofing membrane.

This high-performance formulation is composed of a specially selected blend of refined asphalts, synthetic rubber and mineral stabilizers modified to promote unsurpassed adhesion. This hot rubberized asphalt solution is also available in an environmentally friendly formulation – **Henry 790-11EV** – that contains at least 25% recycled material.

These high-performance formulations feature a specially selected blend of refined asphalts, synthetic rubber and mineral stabilizers modified to promote unsurpassed adhesion.

Features and benefits



Seamless application provides monolithic (joint-free) waterproofing



Suitable for installation onto non-sloped horizontal substrates



Can be applied at below-freezing temperatures



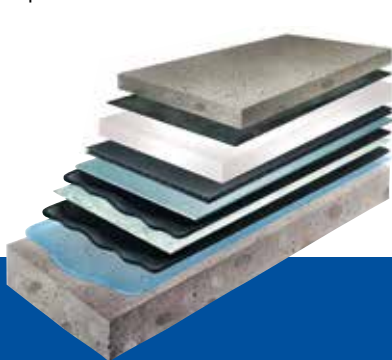
100% solids provides immediate cure on cooling



Fully adhered (no lateral water migration)

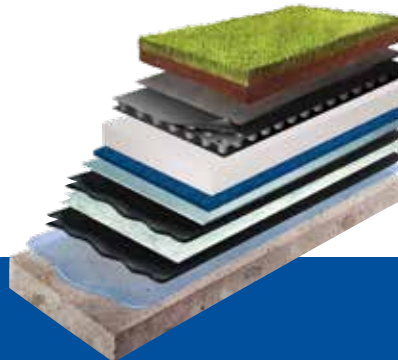


Remains fully elastomeric through hot and cold cycles



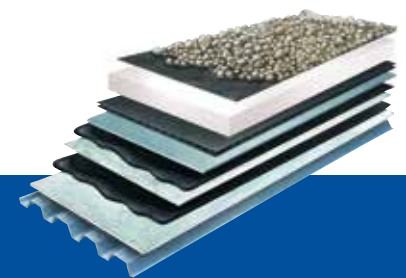
Tunnels, parking, asphalt pavement, fountains, mechanical rooms and mud slabs

Concrete wearing surfaces are incorporated in high-traffic applications



Plazas, planters and vegetative roof assemblies

Earthfill and landscaped areas lend themselves to Henry 790-11 application



Protected membrane roofing

Use of Henry 790-11 in a Protected Membrane Roofing

Henry Prodeq™ System

Proven elastomeric performance

A comprehensive waterproofing system for plaza decks, roofs, split slabs, terraces, as well as water containment and UV exposure, the **Henry Prodeq System** can be fully warranted for up to 25 years.* Its installation speeds up the construction program, and requires no protection board or root barrier. The instant-setting, high performance, seamless membrane allows for complex building design and requires no welds, laps, termination bars or surface flashings. The **Prodeq System** provides superior waterproofing protection with a variety of overburden solutions, allowing for both design and budget flexibility. The system can be directly trafficked by construction vehicles. The **Prodeq System** is VOC-compliant and has no odor.

*Warranty may qualify for overburden removal 25 year warranty under the Henry Gold Seal Warranty. When used in a water containment system, up to a 20 year Material or System warranty is available.

Product only available in the United States.

Features and benefits



Innovative, instant-setting, spray-applied technology



Spray-applied membrane speeds installation time and can reduce labor costs



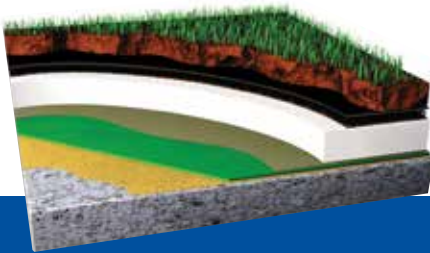
Durable, robust membrane can be directly trafficked by other trades and construction vehicles



No protection board or root barrier required, reducing material and labor costs

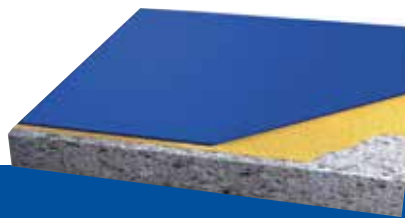


Zero VOCs and no odor



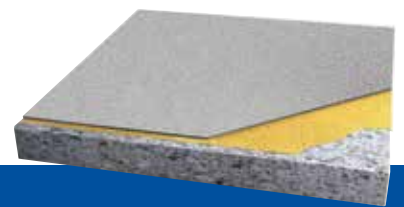
Plaza Deck System

Capable of a variety of overburden options, allowing for greater design and budget flexibility



Water Containment System

Superior waterproofing system components for water containment structures



UV Exposed System

A seamless monolithic membrane designed to withstand UV exposure

Henry Pumadeq™ System

Provide waterproofing protection for restoration or new construction projects

The **Henry Pumadeq System** is a cold fluid-applied, seamless, monolithic waterproofing solution. Capable of setting in 30 minutes and able to withstand traffic one hour after installation, the **Pumadeq System** helps speed the application process, even in low temperatures.

The system is UV-resistant and features PUMA technology, which combines Methyl Methacrylates with Polyurethanes. Along with unmatched performance and long-lasting durability, PUMA technology allows the **Pumadeq System** to offer outstanding low-temperature crack bridging without reinforcements.

Features and benefits



Fast cure time speeds application; can be trafficked within one hour by other construction trades and machinery



Low temperature crack bridging (no reinforcement required) and flexibility ensures better performance as building structures undergo thermal cycling



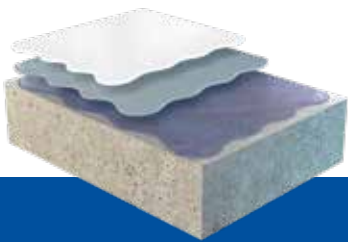
No detailing limitations such as laps, welds, seams, surface flashings or termination bars



Withstands constant water immersion; can be laid to zero pitch



Abrasion, puncture and UV resistant as well as VOC compliant



Plaza Deck System

Core waterproofing system for a variety of applications, ranging from general plaza deck to vegetated roofing assemblies



Pedestrian/Balcony and Vehicular Traffic System

High abrasion resistance provides an aesthetically pleasing pedestrian traffic solution

Henry CM100 system

Apply it sooner. Finish the job faster.

With **Henry CM100**, you no longer have to wait several days for concrete to dry before applying a waterproofing membrane. **Henry CM100** is a cold fluid-applied, single-component, elastomeric waterproofing solution ideal for a variety of roof and below-grade systems. It cures by reacting with atmospheric and surface moisture to provide a seamless and impervious waterproofing membrane.

Features and benefits



Can be applied to green concrete 24 hours after forms are removed



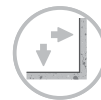
Typical cure time is three hours, allowing application of multiple coats in a single day



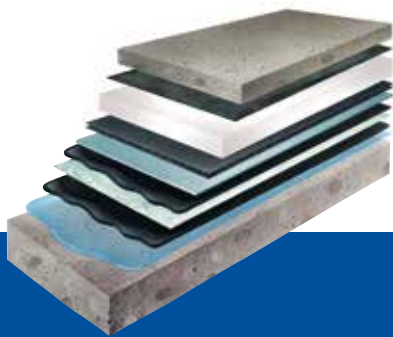
Solvent-free, odor-free and non-flammable for safe installation in confined spaces



High solids content retains applied thickness with no shrinkage

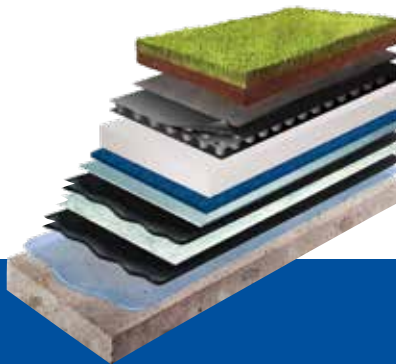


Designed for vertical or horizontal applications, including difficult-to-access areas



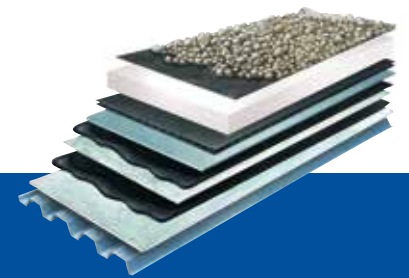
Tunnels, parking, asphalt pavement, fountains, mechanical rooms and mud slabs

Concrete wearing surfaces are incorporated in high-traffic applications



Plazas, planters and vegetative roof assemblies

Earthfill and landscaped areas lend themselves to Henry CM100 application



Protected membrane roofing

Use of Henry CM100 in a Protected Membrane Roofing (PMR)

Henry Dundeq™ System

A proven, two-part, seamless coating for pedestrian and vehicular traffic

Installed for over 20 years in high-traffic, heavy-duty parking deck applications, the **Henry Dundeq System** is a seamless, fully-adhered, durable waterproofing system for vehicular and pedestrian traffic surfaces. Part of the comprehensive Building Envelope Systems portfolio from Henry Company, the **Dundeq System** provides an easy-to-apply, cost-effective traffic coating solution, while enhancing safety with an abrasion- and slip-resistant surface.

A significant step-up from standard one-coat systems, the **Dundeq System** provides greater building structure protection, and is backed by an industry-leading warranty of up to 10 years. The system is VOC-free and can be applied to green concrete for maximum work schedule efficiency.

Features and benefits



Seamless, fully-adhered system helps ensure long-term durability



High-abrasion, slip-resistant surface enhances vehicular and pedestrian safety



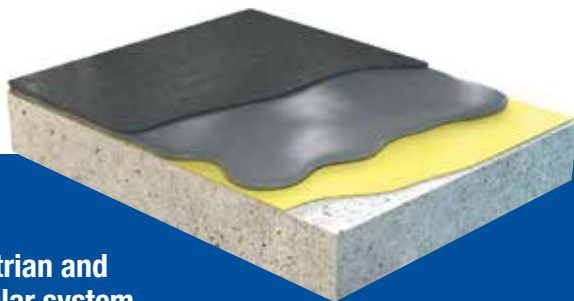
Environmentally friendly, no VOCs



Low temp and green concrete application can help accelerate project scheduling

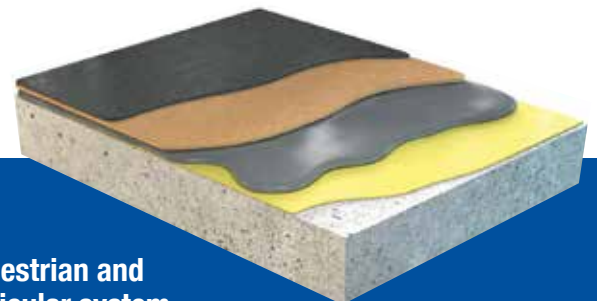


Up to 10-year warranty provides owners with enhanced peace of mind



Pedestrian and vehicular system

Standard system



Pedestrian and vehicular system

Includes an optional wearcoat layer for increased durability

Above-Grade Waterproofing System Accessories

Henry Pumadeq Flex 31MV

Henry Pumadeq Flex 31MV is a 100% solids, two-part, rapid-curing, liquid-applied membrane. Combining the flexibility and crack-bridging capabilities of polyurethane with rapid curing rates, **Pumadeq Flex 31MV** provides exceptional long-term performance and durability.

Neoflash

This uncured neoprene flashing sheet is designed for use with **Henry 790-11 Hot Rubberized Asphalt Membrane** at expansion joints and exposed flashing details. **Neoflash** delivers excellent elongation and flexibility.

Henry 910-01 Penetrating Asphalt Primer

This penetrating asphalt primer is suitable for use with hot or cold applied asphalt coatings, roof cements, mastics and adhesives. This light-bodied, solvent-based material delivers a firm bond on a wide range of surfaces.

Henry Drain Board

As a key part of all Henry waterproofing systems, **Henry Drain Board** is a cost-effective drainage composite that helps improve the flow of water away from the building structure. Featuring a polystyrene or polypropylene core combined with a polypropylene fabric, **Henry Drain Board** is available in a range of compressive strength and flow rate options to meet every waterproofing application demand.

Aquatac™ Primer

Designed for use with self-adhered membranes, this low-VOC, spray-applied primer dries quickly and provides a high level of tack on vertical surfaces.

Blueskin® Adhesive

Designed to enhance the adhesion of self-adhered Blueskin membranes, **Blueskin Adhesive** is a quick-drying, rubber-based adhesive with an aggressive tack.

Blueskin LVC Adhesive

Blueskin LVC Adhesive is a lower volatile organic compound (VOC) formulation designed to enhance the adhesion of self-adhered Blueskin membranes.

Total protection is our mission

Henry Building Envelope Systems

For over 80 years, Henry products and systems have helped manage the flow of water, air, vapor, and energy through the building envelope. From foundation to roof, our solutions improve the energy efficiency, livability and sustainability of commercial and residential structures, for the benefit of the owner, occupant and the environment.

Most importantly, our experience has confirmed that the building envelope needs to be viewed as a holistic system – from roof to wall to foundation – offering a solid line of defense from the elements. Today, our **Building Envelope Systems** include an entire portfolio of interrelated solutions to help you meet the challenges you face.

When it comes to making sure you get the **waterproofing systems** and **Building Envelope Systems** solutions and expertise you need, turn to a partner you can trust – **turn to Henry.**



Waterproofing Systems

Designing a durable waterproofing system starts with the foundation waterproofing system and extends to critical transition areas such as plaza decks. Once the building is complete, the opportunity to integrate an optimized waterproofing system into the building envelope is lost. Henry provides proven, comprehensive waterproofing solutions that keep the structure dry and protect it from damage due to water infiltration.

Air Barrier Systems

Designing air barrier systems for today's structures has never been more challenging. A designer has to balance air leakage, water resistance, vapor management, thermal controls and fire resistance, all while keeping an eye on the budget.

Henry Building Envelope Systems include an entire portfolio of air barrier solutions to help you meet your goals.

Roofing Systems

From providing durable, watertight performance, to managing storm water run-off and offering outdoor green spaces, Henry roofing systems are designed to meet the challenges of these evolving trends. Inverted roof membrane assemblies, including vegetative roof assemblies and solutions for plaza decks, along with conventional roofing solutions for low-slope and flat roof applications help provide years of reliable service to building owners and occupants.

All Henry Building Envelope Systems are backed by comprehensive warranties.

Henry[®]

Building Envelope Systems[®]
Roofing | Air Barrier | Waterproofing

Ask us today about other Henry[®] solutions that help manage the flow of water, air, vapor and energy.

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