



Physical Property	Typical Value	Test Method
Color	Gray	-
Application Temperature	40 °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
Cure Time, 1/8" bead	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

#### Description

**Henry<sup>®</sup> 900 Flashing & Construction Sealant** is a single component, moisture-curing compound formulated for use as a general purpose construction sealant. **Henry<sup>®</sup> 900 Flashing & Construction Sealant** aggressively adheres to most common building materials, forming a tough, durable bond, and is paintable when fully cured.

#### Features

- ✓ Superior adhesion for roofing, flashing, and construction applications
- ✓ Most flexible and durable sealant available
- ✓ Paintable
- ✓ Very low VOC (volatile organic compounds)

#### Usage

**Henry<sup>®</sup> 900 Flashing & Construction Sealant** can be used for a variety of applications including exterior and interior caulking of perimeters of frame openings; expansion, control and isolation joints; coping and coping to facade joints; cornice and wash joints; panels; poured-in-place; tilt-up; underside of precast planks; top of non-loadbearing walls; steps and risers; and glazing.

#### Application

**Surface Prep:** Joints to receive sealant must be sound, smooth, uniform in dimensions and free from defects and foreign materials. They must also be clean, dry, free of frost and all contaminants, such as curing compounds, sealers (waterproofing), coatings, etc. Sealant adhesion should be tested on each different substrate prior to caulking. To test adhesion, apply a sealant bead and allow to cure thoroughly. Then pull one end of the bead to test adhesive strength.

**Apply:** Clean and dry surface. Cut nozzle to desired bead size; puncture inner seal. Apply at 45° angle while pushing sealant ahead of nozzle. The width of the joint should be a minimum of four times the anticipated movement. In joints up to 1/2" (13mm) wide, the depth of the sealant should be equal to the width, but not less than 1/4" (6mm). In joints wider than 1/2" (13mm), the depth should be maintained at 1/2" (13mm). Maximum joint width for installation of **Henry<sup>®</sup> 900 Flashing & Construction Sealant** is 1" (25mm).

## Henry® 900 Flashing & Construction Sealant

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**Primer:** Henry® 900 Flashing & Construction Sealant has excellent adhesion to most common firm and uncontaminated substrate materials. In some applications, it may be prudent to use a primer; for example, concrete which is frequently wet or is friable or sandy, and some plastics. For surfaces such as concrete, a primer for porous surfaces is recommended. The primer should be allowed to harden for about 2 hours before applying sealant. For non-porous surfaces a primer formulated for non-porous surfaces is recommended. Sealant can be applied after a 15 minute drying time. Primer should be applied only to clean, dry surfaces prior to installation of backer rod, bond breaker tape and sealant and should be kept within the confines of the joint to avoid staining adjacent surfaces.

**Back-up Material:** The purpose of back-up material is to regulate the depth of the joint; to provide a surface against which the sealant is compressed when tooled, thus promoting better adhesion to the side walls; and to provide a non-adhering back surface, precluding the possibility of a three-sided joint. Where back-up material is not necessary or where a type is used that does not have release properties, a bond breaker tape should be used. Closed cell polyethylene foam back-up material is recommended. It should not be punctured, twisted or excessively stretched during installation, nor should it be compressed more than 50% of its original diameter.

**Tooling:** In vertical and horizontal joints, tooling is absolutely necessary to aid contact with the substrate, eliminating air bubbles and give a highly desirable concave appearance.

**Limitations:** Do not apply Henry® 900 Flashing & Construction Sealant over damp or contaminated surfaces. Do not apply Henry® 900 Flashing & Construction Sealant to absorptive surfaces such as marble, limestone, or granite without prior testing for discoloration or staining. Do not apply to joints wider than 1" (25mm).

### Clean-up

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Clean hands with biodegradable terpene solvent such as a citrus based hand cleaner. Equipment may be cleaned with mineral spirits

### Packaging

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10.1 oz (298 mL) cartridge

### Storage

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Henry® 900 Construction & Flashing Sealant has a shelf life of 12 months from date of manufacture, when stored in original unopened container at or below 80°F. Containers should always be kept sealed when not in use.

### Limited Product Warranty

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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 during the life of the existing roof, 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.

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