

Physical Properties

Cure Through Time, 1/8" bead, hrs. 24	Maximum VOS .05 lbs/gal	Shore A Hardness 25 +/- 5
Density, lbs/gal 13.0	Modulus, 100%, psi 40 - 50	Tack-Free Time, min 60 - 90
Elongation, Ultimate % 450 - 550	Service Temperature, cured bead, °F -40°F to 180°F	Tensile Strength, psi 150 - 200
Maximum VOC 5 g/l		

Approvals and Certifications

HE900 - CONSTRUCTION & FLASHING SEALANT meets or exceeds the following:

TT-S-00230C (Type II) Class A, ASTM C-920 Type S, Grade NS, Class 25, Use-NT, G, A, M, and O.

Description

HE900 - CONSTRUCTION & FLASHING SEALANT is a single component, moisture-curing compound formulated for use as a general purpose construction sealant. When fully cured, **HE900 - CONSTRUCTION & FLASHING SEALANT** forms a tough, durable bond. **HE900 - CONSTRUCTION & FLASHING SEALANT** aggressively adheres to most common building materials and is paintable when fully cured.

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

Usage

HE900 - CONSTRUCTION & FLASHING 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.

Limitations:

- Do not apply over damp or contaminated surfaces.
- Do not apply to absorptive surfaces such as marble, limestone, or granite without prior testing for discoloration or staining.
- Use only when temperature is 40°F and rising.
- Do not apply to a joint wider than 1".

Surface Preparation

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.

Primer: HE900 - CONSTRUCTION & FLASHING 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.

Application

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 4 times the anticipated movement. In joints up to 1/2" wide, the depth of the sealant should be equal to the width, but not less than 1/4". In joints wider than 1/2", the depth should be maintained at 1/2". Maximum joint width for installation of **HE900 - CONSTRUCTION & FLASHING SEALANT** is 1".

Precautions

HE900 - 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.

Cleanup

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

Caution

CAUTION! Use with adequate ventilation. Do not ingest. Avoid contact with eyes, skin and clothing. In case of eye contact, flush eyes with plenty of water. If irritation persists, contact a physician. Wash thoroughly after handling with soap and water. May cause eye and skin irritation. Avoid prolonged breathing of direct concentrated vapor. When applying, use ordinary sanitary precautions. Do not take internally. If swallowed, do not induce vomiting. Call a physician. Keep container closed when not in use. Store product in a cool place.

KEEP OUT OF REACH OF CHILDREN!

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 **Material Safety Data Sheet (MSDS)** from your supplier or directly from Henry at the toll free number or website below.

Product Sizes

10.3 OZ CARTRIDGE (1 lb)

Limited 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 be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended 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 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. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.**