

Physical Properties

Application Temperature 32°F - 110°F	Maximum VOC 5 g/l	Shore A Hardness 25 +/- 5
Cure Through Time, 1/8" bead 24 hrs. @ 25°C	Maximum VOS .05 lbs/gal	Tack-Free Time 60 - 90 min. @ 25°C
Density, lbs/gal 13.0	Modulus, 100%, psi 40 - 50	Tensile Strength, psi 150 - 200
Elongation, Ultimate % 450 - 550	Service Temperature, cured bead, °F -40°F - 180°F	

Approvals and Certifications

HE925 - BES SEALANT meets or exceeds the following:

Fed. Spec. TT-S-00230C, Type II, Class A
ASTM C 920, Type S, Grade NS, Class 25
ASTM C 719 +/-25%

Description

HE925 - BES SEALANT is a premium, environmentally friendly, moisture cure, *medium modulus* 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 polymer (STPe). Upon curing, it is paintable with latex based paints. This product is fully compatible with Henry/Bakor air barrier, flashing, roofing and waterproofing membrane components of Henry/Bakor's Building Envelope Systems®.

Usage

As a logical extension of the desired Building Envelope Systems® plane of air/water tightness, HE925 - BES SEALANT was developed as a fully compatible sealant with other BES components. Typical uses include:

- Termination sealant for self-adhered modified bitumen membranes such as Blueskin®
- External joint sealant for Henry/Bakor air barrier, waterproofing and roofing systems
- Alternative to silicone and moisture cure urethanes in above construction applications
- Seal wall and window penetrations
- Construction joints up to 1" width, subject to dynamic joint movement of +/-25% including:
 - Metal/aluminum/galvanized
 - Glass
 - Wood
 - Stone
 - Concrete/masonry
 - Stucco
 - Exterior Gypsum Board
 - EIFS

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.

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 HE925 - BES SEALANT is 1".

Precautions

HE925 - BES 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 and equipment with biodegradable terpene solvent such as a citrus based hand cleaner.

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.

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.