

Effisus Stopper 1-P Sealant

Effisus **Stopper 1-P Sealant** is a moisture curing, pourable sealant designed for use in curbs and warranted Effisus Multishapper seals. Effisus Stopper 1-P Sealant is suitable for application in damp, dry, or cold climates. Effisus Stopper 1-P Sealant is solvent free, contains no isocyanates and will not shrink upon curing. Effisus Stopper 1-P Sealant can not “out-gas” or bubble on damp surfaces as urethane sealants often do. Effisus Stopper 1-P Sealant has resilient “elastomeric” properties and excellent adhesion to most construction materials. Effisus Stopper 1-P Sealant can be used effectively in many difficult construction site conditions and cures in wet or dry climate conditions and at low temperatures (0°C). Effisus Stopper 1-P Sealant’s low durometer accommodates greater movement in penetration seals than typical urethane sealants.



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Technical data

Cure Time

Effisus Stopper 1-P Sealant is a moisture cure sealant. The rate of cure is dependent on atmospheric conditions. Curing proceeds at a rate of 6,3mm a week at 22°C and 50% Relative Humidity. Lower temperature and humidity will inhibit the rate of cure. Higher temperature and humidity will accelerate the rate of cure. Depths of more than 50mm will cure through in 2 to 3 months. DO NOT install if rain is anticipated within 4 hours.

Colour

Grey

Service Temperature

-40°C to 93°C

Regulatory Compliance

Conforms to OTC Rule for Sealants and Caulks.

Meets requirements of CARB, BAAQMD and SCAQMD.

This product does not contain cancer causing chemicals listed in California Propositions 65.

Conforms to USDA Requirements for Non-food Contact.

Green Standards

LEED 2.2 for New Construction and Major Renovations: Low Emitting Materials (Section 4.1) 1 Point.

NAHB Model Green Home Buildings Guidelines: 5 Global Impact Points.

VOC Content: less than 19 grams/litre, ASTM D2369, EPA Method 24 (tested at 115°C).

Compatible substrates

Aluminium and Galvanized Metal

Concrete and Stone

Single Ply membranes

Modified Bitumen

EPDM

Asphalt

PVC (peel-out-test)

The logo for Effisus, featuring the word "effisus" in a lowercase, sans-serif font. The letters are dark teal, and the 'i' has a dot.

Technical Characteristics

Advantages

Solvent free, 100% solids will not shrink.
20 minute skin over.
No outgassing on damp surfaces.
Good UV stability, will not suntan.
Paintable within 24 hours (see limitations).
Self leveling, no special tools or mixing required.
Can be applied at temperatures as low as 0°C.
ISO 9001:2015 certified

Limitations

Do not store in elevated temperatures.
Please contact customer service for application guidelines with temperatures below 0°C. Do not install if rain is anticipated within 4 hours.
Do not use on Hypalon membranes.
Smooth APP membranes require a prior installation of a granulated target of APP modified bitumen around the penetration.
Do not use in areas subject to continuous immersion.
Remove all coatings and sealers before application.
In areas where prolonged chemical exposure is anticipated, contact Effisus Technical Department for recommendations.
Do not prime bonding surfaces with asphalt primer.
Test and evaluate all paints before application. Alkyd and oil based paints may dry slowly. Do not use asphalt cement as a "night sealant" around the base of the penetration.
Use Effisus Stopper M-1 Sealant for this purpose.

Application Guidelines

Application Instructions

Remove all previously applied caulk, mastic, cement, asphalt and other contaminants from penetrations with Effisus Cleaner. Brush away all gravel or loose granules. DO NOT USE petroleum solvents, such as mineral spirits or xylene. Maintain Effisus Stopper 1-P Sealant at room temperature before applying to ensure easy levelling. Test and evaluate to ensure adequate adhesion. Dry all visible and standing water prior to applying Effisus Stopper 1-P Sealant.
For Effisus Stopper Systems, position the Effisus Multishapper and apply the Effisus Stopper M-1 Sealant following the instructions on the respective Technical Data Sheets and Installation Manual.
NOTE: It is recommended to fill the ENTIRE Effisus Multishapper with Effisus Stopper 1-P Sealant and maintain a 25mm distance between the penetration and inside edge of the Effisus Multishapper to provide an adequate rubber seal.

Clean-Up

Wet adhesive can be removed using a solvent such as Effisus Cleaner. Cured sealant can be removed by abrading or scraping the substrate.

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Others

Packaging

1890ml cartridges

Storage

Store original, unopened containers in a cool, dry area. Protect unopened containers from water, heat and direct sunlight. Elevated temperatures will reduce shelf life. Effisus Stopper 1-P Sealant will not freeze.

Shelf Life

One year from the date of manufacture when stored in normal environments (21°C with 50% relative humidity). High temperature and high relative humidity may significantly reduce shelf life.

Caution

Avoid prolonged contact with skin. Uncured adhesive irritates eyes. In case of contact with eyes, immediately flush with water and contact a doctor. Please refer to the SDS for First Aid information.

KEEP OUT OF REACH OF CHILDREN.

Important Notice

Except where prohibited by law, Effisus makes no warranties, expressed or implied, statutory or otherwise, including but not limited to, any implied condition or warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether this Effisus product is fit for a particular purpose and suitable for user's method of application.