

Seal-Tek Acrylic Mastic

Overview

Seal-Tek Acrylic Mastic is a single-component, acrylic, water-based mastic. This product is intended for use as a flashing material for most substrates and a sealer for seams, fasteners, penetrations, and other details in roof coating applications. Seal-Tek Acrylic Mastic can be used to fill in small cracks and alligatored asphaltic roof surfaces.

Features and Benefits

- Can be applied with trowel, roller, or brush
- Easy cleanup with water
- Superior adhesion
- Long-term durability
- Single-component, low-odor
- Easy to use in most applications
- Excellent sealer over fasteners, rough substrates, seams, details, and transitions
- Low VOC levels allow for application in most regulated areas

Coverage Rate

Seal-Tek Acrylic Mastic is typically applied at 50 to 100 square feet per gallon per coat. The application rate may vary depending on a variety of factors, such as use and roughness of the application.

Installation

1. All surfaces to be primed must be clean, dry, sound, and free of contaminants. It may be necessary to power wash or otherwise clean the surface to enhance adhesion.
2. Any primers utilized on the roof surface should be applied and cured prior to the application of Seal-Tek Acrylic Mastic.
3. No thinning or reducing is recommended. Mix material in the container such that it is homogeneous and consistent before use.
4. This product may be applied with a stiff bristle brush, roller, or squeegee. Apply sufficient quantity of material to encapsulate fastener heads and completely seal the seams or cracks being treated.
5. Ensure that the mastic is completely cured prior to subsequent applications of coating.
6. Clean up with water.

Review Carlisle Roof Foam and Coatings' specifications and details for complete installation information. Please contact CRFC for more information.

Precautions

- It is not recommended that this product be applied in temperatures below 50°F (10°C) or if inclement weather is expected within 1–6 hours of application. Seal-Tek Acrylic Mastic will not cure below 50°F (10°C).
- See Safety Data Sheet (SDS) for complete safety information.
- The shelf life of this product in unopened containers when stored between 50°F and 100°F (10°C and 38°C) is 12 months from the date of manufacture. This product will freeze if subject to temperatures below 32°F (0°C) and will be unusable.

Typical Physical Properties

| Property | Test Method | Seal-Tek Acrylic Mastic |
|------------------------------|---------------|-----------------------------|
| Solids by Weight | ASTM D1644 | 70% |
| Solids by Volume | ASTM D2697 | 61% |
| Density | ASTM D1465 | 12.7 lbs./gal. |
| VOC | EPA Method 24 | <50 grams/L |
| Viscosity | | >100,000 cps |
| Tensile Strength | ASTM D412 | 200 psi |
| Elongation | ASTM D412 | 300% |
| Adhesion-in-Peel | ASTM C794 | 10 lbs. |
| Shore A Hardness | ASTM C661 | 25 ± 5 |
| Accelerated Weathering – QUV | | No Change after 6,000 hours |
| Cure Time @ 75 sf/gal. | Dry to Touch | 50°F (10°C): 60 min. |
| | | 75°F (23°C): 45 min. |
| | | 110°F (43°C): 30 min. |
| | Recoat After | 50°F (10°C): 4 hrs. |
| | | 75°F (23°C): 3 hrs. |
| | | 110°F (43°C): 2 hrs. |
| | Cure | 50°F (10°C): 7 days |
| | | 75°F (23°C): 5 days |
| | | 110°F (43°C): 3 days |
| Color | | Light Gray |

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

Shipping Information

| Container Size | Gross Weight | Class |
|---|--|-------|
| 5-gallon pail (18.9 L) | 68.5 lbs. (31 Kg) | 55 |
| 55-gallon drum (208.2 L) | 738.5 lbs. (335 Kg) | 55 |
| D.O.T. Classification: Sealant Caulk, Non-Regulated | Protect from freezing (32°F/0°C) during shipping and storage | |



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