

Acrylicaulk

Heavy-Bodied Acrylic Premium Elastomeric Sealant

Description

Acrylicaulk is an acrylic water-based heavy bodied flashing grade sealant designed for filling joints, voids and cracks in new and existing roof substrates. Used in collaboration with polyester fabric, this high solids sealant is ideal for sealing roof penetrations, flashing, drains and scuppers.

Uses

Suitable for use as a mastic-grade sealant for flashings and miscellaneous details on various roof surfaces and substrates. Recommended for use to seal joints, seams, through-roof penetrations and fastener heads.

Typical Product Characteristics

1. **Weight per Gal (lb)** 12.5 (± 5), ASTM D2939
2. **Dry Film Thickness @ 1 Gal/100 ft² (mils)** 8.8
3. **Dry Time (hours)** 4–6
4. **VOC (g/l)** 17
5. **pH** 10

Typical Physical Properties

1. **Viscosity (cP)** 150,000 – 180,000, ASTM D2196
2. **Volume Solids (%)** 54% (± 2), ASTM D2697
3. **Weight Solids (%)** 68% (± 2), ASTM D1644
4. **Elongation (%)** 180 (± 20), ASTM D2370
5. **Tensile Strength (psi)** 325 (± 25), ASTM D2370
6. **Accelerated Weathering (1,000 hrs)**
PASS (no cracking; no checking), ASTM D4798
7. **Permeance (perms)** 2–3, ASTM D1653
8. **Fungi resistance (rating)** 0 (PASS), ASTM G21
9. **Tear Resistance (lbf/in)** 108 (± 5), ASTM D624



Packaging

10oz cartridge, 1GA pail, 2GA pail, 5GA pail

Application Instructions

Surface Preparation:

All surfaces to receive coating must be clean, dry and free from any foreign matter such as dirt, oils, grease or other debris that could inhibit the adhesion capabilities of the newly installed products.

Metal surfaces that display rusting or other oxidation, to be prepared with a grinder or wire brush as needed to remove surface contaminants.

Existing roof systems to be visually inspected for conditions that may adversely affect adhesion of performance of newly installed products.

Repair any visible deficiencies such as splitting, blistering, and buckling with Acrylicaulk and polyester fabric.

Visually inspect all metal and non-metal flashings, edges, drains, valleys and through-roof penetrations and repair as needed by project conditions.

Concrete surfaces cured with wax/resin based compounds can inhibit adhesion.

Application:

Apply Acrylicaulk at 1/8" thick uniform application. Apply Acrylicaulk to all laps, cracks or breaks in the surface condition extending a minimum of 2 inches on each side. Embed and back brush a single layer of polyester fabric to fully wet the fabric into the initial layer of mastic. Follow with a second equal application of Acrylicaulk and feather to limit excessive build-up of materials. Curing of Acrylicaulk will vary due to wet film thickness, ambient temperature, humidity and other climatic conditions. For best results, it is recommended to allow an overnight curing before the application of subsequent materials.

Apply only when ambient temperatures are 50°F and rising. Cold weather could result in uneven application and improper curing of product. Do not apply if inclement weather is expected within 24 hours of application. Do not thin product. Do not heat outside of container. Do not apply at temperatures greater than 120°F. Prior to using this product on new cap sheets (smooth or granulated), it is recommended to allow 30 days for weathering. Newly applied asphalt emulsion can typically be coated once emulsion has cured, usually 1 to 5 days depending on weather and rate of emulsion application.

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Personal Protection

Irritation may result from prolonged or repeated contact with skin.

Wear chemical resistant gloves, protective goggles and protective clothing, if needed.

Eye Contact — Immediately flush eyes with water. Get medical attention if irritation persists.

Waste Disposal — Empty containers must be disposed of in accordance with local, state and federal regulations.

For Professional Use Only — **Keep out of the reach of children.**

Storage and Cleaning

Product shelf life: Typically 18 months from date of manufacture when properly stored.

Do not store at temperatures greater than 120°F.

Store 24 hours at room temperature prior to application.

Observe normal safeguards for storing and handling of this product prior to and during application.

Do not allow product to freeze. Discard if freezing occurs.

Keep containers covered when not in use.

Clean equipment and overspray with water.

Clean hands with waterless hand cleaner.

Warranty

KM Coatings manufactures a variety of fluid-applied materials to suit various project needs and offers extended manufacturer's warranties to its Approved Applicator network. Warranty type, Terms and Conditions, as well as coverages, will depend on product(s) utilized and project circumstances under which materials are used. Unless otherwise provided for as part of an extended manufacturer's warranty, Product Liability is strictly limited to manufacturing defects for a period of one year.

KM Coatings

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Refer to SDS for specific data and handling of our products.

All data furnished refers to standard production using manufacturing testing tolerances. The product user, and not KM Coatings, is responsible for determining the suitability and compatibility of our products for the user's intended use.