

Seal-Tek Micro Fibers

Overview

Seal-Tek Micro Fibers are micro-fine, high-tensile, polyethylene fibers used as a general thickener in silicone, acrylic, and urethane coatings to increase tensile strength, reduce sag, and thicken the coating into a roll or brushable mastic. Thicker materials allow for fabrication of cants and filling around irregular surfaces. The process can adapt the mastic product to the project's need and conditions. Seal-Tek Micro Fibers can be added to SeamlesSEAL® Acrylic and SeamlesSEAL ULTRA Silicone coatings to create an excellent repair material for hail and mechanical damages to spray polyurethane foam (SPF) and coated roofing systems.

Features and Benefits

- Easily mixed into pails of coating for thin to thick mastic-like materials
- Ideal for repairs and rough substrates
- Improves bridging and tensile strength
- Easy to use
- Excellent sealer over fasteners, rough substrates, seams, details, and transitions

Installation

1. Mix Seal-Tek Micro Fibers into a pail of SeamlesSEAL Acrylic or SeamlesSEAL ULTRA Silicone coating material such that it is homogeneous and consistent before use. Mix only the needed amount to minimize waste and unused mastic.
2. For Roller Grade - Mix at 24 ounces (3 cups) Seal-Tek Micro Fibers per gallon or 15 cups per 5 gallon pail of SeamlesSEAL Acrylic or SeamlesSEAL ULTRA Silicone coating.
3. For Brush Grade – Mix at 48 ounces (6 cups) per gallon or 30 cups per 5 gallon pail of SeamlesSEAL Acrylic or SeamlesSEAL ULTRA Silicone coating. This mixture works well for sealing penetrations, fasteners, and mechanical damages.
4. For Trowel Grade - Mix at 72 ounces (9 cups) per gallon or 45 cups per 5 gallon pail of SeamlesSEAL Acrylic or SeamlesSEAL ULTRA Silicone coating.

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

Precautions

- The shelf life of this product in unopened containers when stored in a dry location between 50°F and 100°F (10°C and 38°C) is indefinite.
- See Safety Data Sheet (SDS) for complete safety information.

Typical Physical Properties

| Property | Test Method | Seal-Tek Micro Fibers |
|------------------|-------------|----------------------------------|
| Specific Gravity | ASTM D1644 | .0915 – .0965 |
| Flash Point | ASTM D2697 | 665°F (352°C) |
| Melting Point | | 248°F - 271°F (120°C - 133°C) |
| Color | | White |

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 |
|----------------|-----------------|-------|
| Box | 5 lbs. (2.3 Kg) | 125 |

D.O.T. Classification: Non-Regulated