

Acu-Micro Fiber

Micro-fine milled polyethylene fiber



DESCRIPTION

Acu-Micro Fiber is a micro-fine milled high-tensile polyethylene fiber used as a general thickener to increase viscosity and tensile strength of Acu-Flex:100 and Acu-Flex:70 silicone coatings.

USES

Acu-Micro Fiber can be used to increase the thickness of Acu-Flex:100 and Acu-Flex:70 silicone coating to make “in-the-field” caulking compounds. This caulking compound can be used to fill seams, voids, cracks, and other gaps too great for Acu-Flex coating alone.

FEATURES & BENEFITS

- ✓ Lightweight.
- ✓ Superior Tensile Strength
- ✓ Good elongation properties
- ✓ Easily troweled or brushed onto the roof surface
- ✓ Can easily create a caulk to the consistency needed for the job
- ✓ Fibers will not decompose
- ✓ Easily mixed with hand tools

PREPARATION

All surfaces to be coated must be clean, dry and free of any oil, grease or dirt. High pressure water washing is recommended. Any existing coating must be checked for good adhesion. Before application, any loosely adhered coating must be removed and bare surfaces must be prepared, cleaned and checked for compatibility.

APPLICATION

As a general rule of thumb, Acu-Micro Fiber is to be mixed with Acu-Flex:100 and/or Acu-Flex:70 at a rate of 20% - 50% by volume. However, if a thicker caulking compound is needed, additional amount of Acu-Micro Fiber can be used.

It is recommended not to mix more Acu-Micro Fiber and Acu-Flex than you can use within several hours. The mixture will not store well, and will become hard within several hours to several days. The mixture is a moisture cure product.

ACU-MICRO FIBER

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Technical Data

Property	ASTM	Result
Color:		White
Appearance:		Fluffy fiber
Specific gravity:		0.00
PH:		1.5 – 1.7
Melting point:		248°F – 271°F (120°C – 133°C)
Flash point:		392°F (200°C)
Shelf life:		Indefinite
Storage requirement:		Keep material dry
Cleanup:		Broom or vacuum
Personal protection:		It is advisable to wear a dust mask when mixing fibers into coating.

CAUTION: Do not apply within one hours of sunset, rain, fog or freezing temperatures. All coatings must be completely dry before exposing to water or foot traffic. Keep all containers covered when not in use. Dispose of all containers in accordance with state and local environmental regulations. Keep away from children. If ingested, DO NOT induce vomiting. Call Physician immediately.

Our technical data and suggestions are based on information from laboratory and field testing which we believe to be reliable and correct. However, the accuracy and completeness of said tests are not guaranteed and not to be construed as a warranty, either expressed or implied. Since the use of the material is beyond manufacturer's control, buyer assumes all risk whatsoever as to their use or results obtained. We guarantee our products conform to Advanced Coating Systems, Inc. quality control. Advanced Coating Systems, Inc. warrants only the standard quality of material. Advanced Coating Systems, Inc. sole responsibility shall be to replace that portion of our product, which proved to be defective. Installer is responsible to test adhesion and product compatibility with substrate of all Energy Seal Coatings products prior to application.