

# United Coatings™ PMMA Fleece Technical Data Sheet

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# PMMA Fleece

Technical Data Sheet



## PRODUCT DESCRIPTION

**United Coatings™ PMMA Fleece** is a non-woven, needle-punched polyester fabric reinforcement specially designed for use with the **United Coatings™ PMMA Flashing System**.

## PACKAGING

**United Coatings™ PMMA Fleece** is available in:

- 1 ft. (305 mm) by 82 ft (25 m) rolls
- 1 ft. (305 mm) by 164 ft (50 m) rolls
- 3.4 ft. (1.04 m) by 164 ft (50 m) rolls
- 2.1 ft. (655 mm) by 164 ft (50 m) rolls

Shelf life indefinite if stored properly in a cool and dry location. Store flat to avoid deforming rolls and creasing fabric.

### GAF

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*GAF Liquid-Applied*

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For technical, system, and warranty information, visit [gaf.com](http://gaf.com) or call 1-800-766-3411.

## BASIC USES & ADVANTAGES

**United Coatings™ PMMA Fleece** is designed to reinforce areas of BUR and SBS substrates that are heavily alligatored or contain numerous cracks, seams, joints, or splits.

### Advantages:

- 100% polyester reinforcement for penetrations
- Easily conforms around penetrations
- Improves strength while maintaining flexibility
- Good for smoothing and repairing “alligatored” asphaltic membranes

## PHYSICAL PROPERTIES

UNITED COATINGS™ PMMA FLEECE	
Weight	110 g/m <sup>2</sup>
Nominal Thickness	40 mils
Water absorption	<1%
Application Temperature	Refer to limitations of <b>United Coatings™ PMMA Resin</b>

## APPLICATION INSTRUCTIONS

**Substrate Preparation:** As a minimum, clean and prepare existing surfaces to receive **United Coatings™ PMMA Fleece** by removing all loose and flaking particles, grease, and laitance with the use of a stiff-bristle push broom and/or washing. Care should be taken not to inject water into the substrate during washing. In some cases, additional drying time may be required after the cleaning process.

**Application:** **United Coatings™ PMMA Fleece** should be installed as required after application of any primers or caulk, and prior to application of the coating on the field of the roof. Cut the fabric to the desired length. Slit the bottom half of fabric used around vent pipes and other circular protrusions so that it lies flat. Immediately embed fabric into wet coating and work it with a brush so that it is saturated with coating. All reinforcement fabric shall be 100% adhered to the substrate, with no tenting or air pockets.

**United Coatings™ PMMA Fleece** should be embedded into **United Coatings™ PMMA Flashing Resin – Summer or Winter Grade**.

### PMMA Flashing Resin – Summer Grade

For smooth substrates, apply at a rate of 0.19 kg/sq. ft. (2.0 kg/m<sup>2</sup>) for base coat and 0.12 kg/sq. ft. (1.3 kg/m<sup>2</sup>) for top coat. For granulated substrates, apply at a rate of 0.28 kg/sq. ft. (3.0 kg/m<sup>2</sup>) for base coat and 0.12 kg/sq. ft. (1.3 kg/m<sup>2</sup>) for top coat. A minimum of 2 coats should be applied and reinforced with fabric. Total coverage should be 0.31 kg/sq. ft. (3.3 kg/m<sup>2</sup>) for smooth and 0.40 kg/sq. ft. (4.3 kg/m<sup>2</sup>) for granulated and is dependent on the substrate.

### PMMA Flashing Resin – Winter Grade

For smooth substrates, apply at a rate of 0.19 kg/sq. ft. (2.0 kg/m<sup>2</sup>) for base coat and 0.12 kg/sq. ft. (1.3 kg/m<sup>2</sup>) for top coat. For granulated substrates, apply at a rate of 0.28 kg/sq. ft. (3.0 kg/m<sup>2</sup>) for base coat and 0.12 kg/sq. ft. (1.3 kg/m<sup>2</sup>) for top coat. A minimum of 2 coats should be applied and reinforced with fabric. Total coverage should be 0.31 kg/sq. ft. (3.3 kg/m<sup>2</sup>) for smooth and 0.40 kg/sq. ft. (4.3 kg/m<sup>2</sup>) for granulated and is dependent on the substrate. See [gaf.com](http://gaf.com) for details.

**For Application Questions:** Contact GAF Technical Services at 1-800-766-3411 or visit [gaf.com](http://gaf.com).

## SAFETY & HANDLING

Keep **United Coatings™ PMMA Fleece** in a clean, dry location. For specific information regarding safe handling of this material, please refer to the Safety Data Sheet (SDS).

*See applicable warranties and guarantees for complete coverage and restrictions.*