

SMARTFLASH® ONE POLYESTER REINFORCEMENT

Product Information

Product Use: SmartFlash® ONE Polyester Reinforcement is a proprietary weave fabric used in conjunction with SmartFlash ONE waterproofing resin for flashing details and repairs on bituminous low and steep slope roofs

Product Composition and Features: A seamless, monolithic flashing is created in the field by combining the SmartFlash ONE polyurethane bitumen resin with SmartFlash polyester reinforcement fabric. Unused resin may be resealed and stored for future use. Each SmartFlash ONE Polyester Reinforcement is 6" x 100' and is sold in cartons containing sixteen rolls.

Coverage Guide

Product	Square Feet / Unit
SmartFlash ONE Flash Pack (includes reinforcement)	25 ¹
SmartFlash ONE 1G Carton (Two 1G Pails)	50 ¹
SmartFlash ONE 5G Pail	125 ¹
SmartFlash ONE Polyester Reinforcement	50
SmartFlash ONE Polyester Reinforcement Carton (Sixteen Rolls)	800

Product	Approximate Reinforcement Required
SmartFlash ONE Flash Pack	Included
SmartFlash ONE 1G Carton (Two 1G Pails)	One (1) Roll
SmartFlash ONE 5G Pail	Three (3) Rolls ²
SmartFlash ONE 1G Pallet (120 pails)	4 Cartons
SmartFlash ONE 5G Pallet (36 pails)	6 Cartons

¹Assumes the requisite two (2) coats.

²Not all of the third roll will be used.

Storage: Always store in a dry location protected against the elements. Store on end to avoid deforming rolls and creasing fabric.

Technical Data

Property	Value
Fiber Content	100% polyester
Construction	Stitch Bond
Weight	2.4 oz per square yard
Width	6"
Thickness (average)	30 mils
Grab tensile (MD/XD)	44 / 25 lb
Mullen Burst	70 psi

Product Application

Application:

- Wear protective latex gloves during application. Resin adheres to skin and is difficult to remove.
- Apply when the ambient temperature is 40°F and rising
- Apply with a brush, roller or squeegee
- Do not dilute or thin

Product Application cont'd

Prepare substrate to ensure the surface is free of debris, moisture or contaminants. Apply resin at a rate of two (2) gallons per 100 ft² or 30 wet mils. Primer is not required². Immediately embed polyester reinforcement into wet resin. **NOTE:** For repair applications, center polyester over crack and exceeding the crack or hole by 3" on all sides. Saturate polyester reinforcement at a rate of two (2) gallons per 100 ft², or 30 wet mils, ensuring that the polyester reinforcement is completely embedded and covered. Allow to dry. Apply a finish application of resin at a rate of two (2) gallons per 100 ft² or 30 wet mils. If granular aesthetic is desired, broadcast granules into the finish coat before the surface forms a skin.

²Primer not required for APP or SBS-Modified Bitumen Substrates or BUR Substrates set in Hot Asphalt; Primer required for BUR Substrates set in Coal Tar; SmartFlash ONE is not approved for use on substrates not listed herein.

Clean-Up: Clean tools using petroleum solvents such as mineral spirits. Cured resin may be disposed of in standard landfills.

Technical Assistance and Services

CertainTeed provides technical assistance in the product selection, specification and application guidelines for all CertainTeed commercial roof systems. Field representatives are available for consultation in each region.

For more information, contact CertainTeed Commercial Roofing Technical Services at 800-396-8134 ext. 2 or rpg.com.services@saint-gobain.com.



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