

SMARTFAB™ 500 REINFORCEMENT STITCHBOND POLYESTER

Product Information

Description & Use: SMARTFAB™ 500 Reinforcement (Heavy Soft) (Tietex T272 or Equal) is a stitchbonded polyester fabric valued for strength when used as a reinforcement in SMARTCOAT™ liquid applied roofing systems. This product is also used as a flashing or repair reinforcement with SMARTCOAT SmartFlash® ONE. SMARTFAB 500 has superior strength and elongation properties resulting in excellent resilience to stress caused by rooftop thermal expansion and contraction. In narrow widths it is used as a reinforcement in elastomeric metal roof systems.

SMARTFAB 500 provides good conformability on smooth or semi-smooth surfaces such as cap sheet, smooth surface and filled or spudded gravel, and irregular shapes. This product has a close knit which may require light brooming to insure good embedment and removal of any air pockets. It is recommended for flashing details, as compared to SMARTFAB 501 which is recommended for field reinforcement.

Coverage

Optional Sizes per Roll			Rolls per Box	Coverage per Box (Sq. Ft.)
Width	Length	Square Feet		
4"	300'	100	5	500
6"	300'	150	5	750
12"	300'	300	5	1,500
20"	300'	500	5	2,500

Physical Properties

Property	Test Method	Results
Weight		3 ounce/sq. yd., 100 gram/sq. meter
Thickness		.025"
Tensile Average	ASTM D1682	57 lbs.*
Elongation	ASTM D1682	61%*
Burst Strength	ASTM D3786	176 lbs.
Trapezoid Tear Strength	ASTM D1117	16 lbs.

*Average machine and cross machine direction

First Aid

After skin contact immediately wash with water and soap and rinse thoroughly. Seek medical treatment in case of complaints. **After eye contact** remove contact lenses, if worn, if possible. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. **After swallowing** rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help. The most important symptoms and effects, both acute and delayed: nausea in case of ingestion, gastric or intestinal disorders when ingested. Treat symptomatically if immediate medical attention is indicated and special treatment needed.

The product is not classified as hazardous according to the Globally Harmonized System (GHS).

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@saint-gobain.com

Warranties

SMARTFAB 500 Stitchbond Polyester is included in all SMARTCOAT Limited Warranties and SmartFlash ONE Limited Warranties when used with these respective products. Please see <https://www.certainteed.com/commercial-roofing/commercial-roofing-warranties/> for details.



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