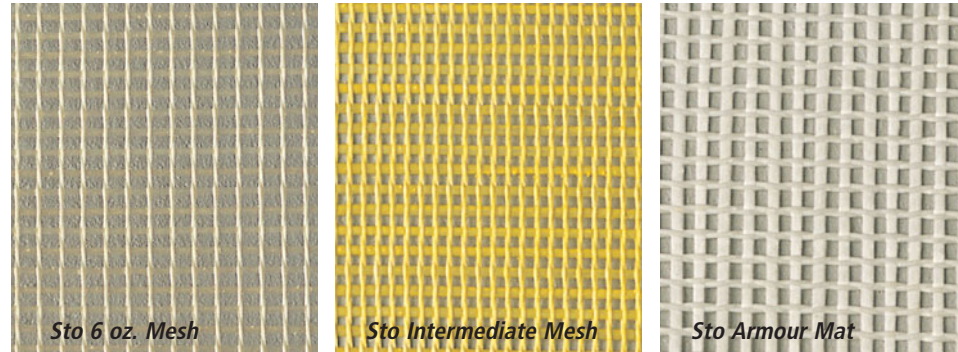


Sto Mesh

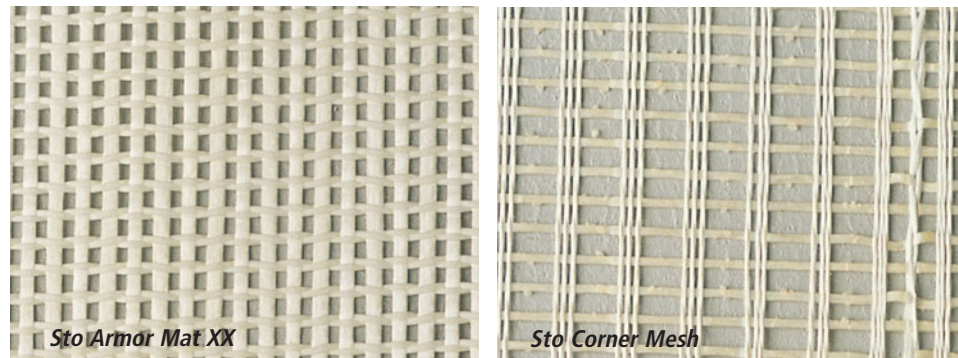
Sto Detail Mesh



Sto 6 oz. Mesh

Sto Intermediate Mesh

Sto Armour Mat



Sto Armour Mat XX

Sto Corner Mesh

Sto Reinforcing Meshes

- 920E Sto Mesh
- 919 Sto Detail Mesh
- 985 Sto 6 oz. Mesh
- 918 Sto Intermediate Mesh
- 921 Sto Armour Mat
- 922 Sto Armour Mat XX
- 921A Sto Corner Mesh

Division 7

Sto Reinforcing Meshes are specially designed coated glass fiber fabrics used for impact resistance in Sto Insulated Wall Claddings, including Sto EIFS NExT™. A variety of meshes are provided for design flexibility, maximum performance, and to facilitate application.

Features & Benefits

Flexible

Easily wrapped at corners; provides crack resistance

Trimmed edges

Minimizes building on overlapped seams

Coated glass fiber

Durable, long-lasting; provides impact resistance

Variety of weights available

Meet a wide variety of requirements

Technical Data

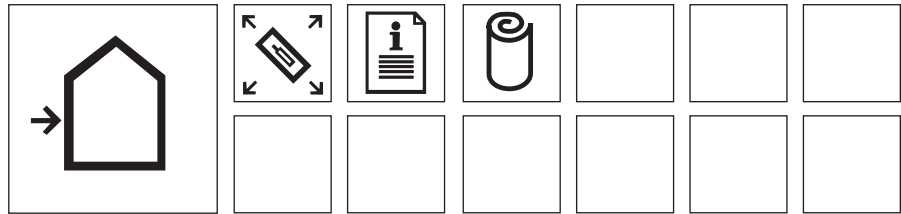
DESCRIPTION	NOMINAL				Tensile Strength (ASTM D-5035)		Strength - Post Alkaline Soak (EIMA105.01)
	WT./SQ. YD. ± 5%	WIDTH OF ROLL	LENGTH OF ROLL	COVERAGE/ ROLL (SF·M ²)	WARP (PLI)	WEFT (PLI)	
Sto Mesh #920E	4.5 oz.	38" (.97 m)	150' (45.7 m)	475 ft ² (44.1 m ²)	150	160	Pass
Sto Detail Mesh #919	4.2 oz.	9.5" (24 cm)	150' (45.7 m)	118 ft ² (11 m ²)	150	160	Pass
Sto 6 oz. Mesh #985	6.0 oz.	38" (.97 m)	150' (45.7 m)	475 ft ² (44.1 m ²)	140	225	N/A
Sto Intermediate Mesh #918	11 oz.	38" (.97 m)	75' (22.9 m)	238 ft ² (22.1 m ²)	300	460	N/A
Sto Armour Mat #921	15 oz.	38" (.97 m)	75' (22.9 m)	238 ft ² (22.1 m ²)	350	540	N/A
Sto Armour Mat XX #922	20 oz.	38" (.97 m)	75' (22.9 m)	246 ft ² (22.9 m ²)	875	500	N/A
Sto Corner Mat #921A	7.6 oz.	9.5" (24 cm)	150' (45.7 m)	118 ft ² (11 m ²)	N/A	500	N/A

Impact Resistance

System	Impact classification (inch-lbs.)*			
	Standard (25-49)	Medium (50-89)	High (90-150)	Ultra High (over 150)
Sto EIFS with Sto Mesh	X			
With 2 layers Sto Mesh		X		
With Sto Intermediate Mesh			X	
With Sto Armour Mat & Sto Mesh				X

Sto Reinforcing Meshes

- 920E Sto Mesh
- 919 Sto Detail Mesh
- 985 Sto 6 oz. Mesh
- 918 Sto Intermediate Mesh
- 921 Sto Armor Mat
- 922 Sto Armor Mat XX
- 921A Sto Corner Mesh



Where to Use

Sto Mesh: for use as standard reinforcing fabric in Sto Wall Claddings. Achieves standard impact resistance.

Sto Detail Mesh: lightweight, highly flexible reinforcing fabric specially designed for use to facilitate back-wrapping system terminations, into reveals and for intricate architectural details in Sto Wall Claddings, and to bridge sheathing joints and wrap rough openings in Sto Guard™ applications.

Sto 6 oz. Mesh: for use as a standard reinforcing fabric in Sto Wall Claddings. Exceeds standard impact resistance.

Sto Intermediate Mesh: for use as a reinforcing fabric in Sto Wall Claddings. Achieves high impact resistance.

Sto Armor Mat: for use at ground floors and other areas of anticipated impact in Sto Wall Claddings. Achieves ultra-high impact resistance when used beneath Sto Mesh.

Sto Armor Mat XX: Sto's heaviest reinforcing fabric, for use at ground floors and other areas of anticipated impact in Sto Wall Claddings. Exceeds ultra-high impact resistance when used beneath Sto Mesh.

Sto Corner Mesh: A pre-creased, heavy-duty reinforcing fabric, specially designed for use for enhanced impact protection plus crisp lines and ease of application at both inside and outside corners in Sto Wall Claddings.

Packaging

- Sto Mesh: 4 rolls per carton
- Sto Detail Mesh: 16 rolls per carton
- Sto 6 oz. Mesh: 4 rolls per carton
- Sto Intermediate Mesh: 4 rolls per carton
- Sto Armor Mat: 2 or 4 rolls per carton
- Sto Armor Mat XX: 2 rolls per carton
- Sto Corner Mat: 4 rolls per carton

Shelf Life

2 years in original, unopened container when properly stored.

Storage

Store in a dry area. Protect from direct sunlight. Store in cartons with cartons on side (not upright).

Surface Preparation

Inspect the insulation board surface for planeness, damage or deterioration due to weather or abuse, and repair prior to application of reinforcing mesh. Rasp the insulation board surface.

Application

Sto Mesh/ Sto 6 oz. Mesh/Sto

Intermediate Mesh: Apply a layer of Sto base coat over previously rasped Sto Insulation Board. Work horizontally or vertically in full width strips and fully embed mesh into wet base coat by troweling from center to the edges of the mesh. Avoid wrinkles in the mesh and smooth the base coat to eliminate trowel marks. Double wrap mesh at all corners and overlap not less than 2-1/2" (64 mm) at mesh joints.

Sto Detail Mesh/Sto Corner Mesh: Refer to appropriate Sto Wall Claddings specification.

Sto Armor Mat/Sto Armor Mat XX: Apply a layer of Sto base coat over previously rasped Sto Insulation Board. Work horizontally or vertically in full width strips and immediately embed Sto Armor Mat into the wet base coat. Butt Sto Armor Mat tightly at seams. Apply Sto Mesh with appropriate base coat over the Sto Armor mat application when dry.

Limitations

Sto Reinforcing Meshes should only be used in accordance with appropriate Sto Insulated Wall Cladding Specification or other published recommendations.

Health & Safety

Health Precautions

Contains fiberglass. As with any chemical construction product, exercise care when handling.

Safety Precautions

Use adequate ventilation. Use of a NIOSH/MSA-approved dust respirator, safety goggles and protective gloves is recommended.

First Aid

SKIN CONTACT: Wash thoroughly with soap and water.

EYE CONTACT: Flush immediately with water for 10-15 minutes and contact a physician.

RESPIRATORY PROBLEMS: Remove affected person to fresh air immediately and contact a physician.

HYGIENE: Wash hands immediately after use. Wash clothing before re-use.

Disposal

Dispose in accordance with local, state or federal regulations.

Warning

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Material Safety Data Sheet for further health and safety information.

LIMITED WARRANTY

THIS PRODUCT IS SUBJECT TO A WRITTEN LIMITED WARRANTY WHICH CAN BE OBTAINED FREE OF CHARGE FROM: Sto Corp., 3800 Camp Creek Parkway, Building 1400, Suite 120, Atlanta, GA 30331; Tel: 404-346-3666; Fax: 404-346-3119.

Sto Corp.

3800 Camp Creek Parkway
Building 1400, Suite 120
Atlanta, GA 30331
Tel: 404-346-3666
Toll Free: 1-800-221-2397
Fax: 404-346-3119

www.stocorp.com



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