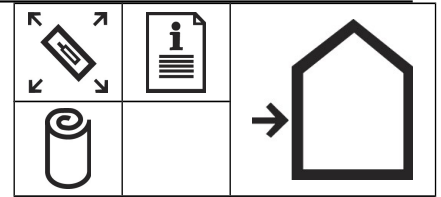


Sto Mesh & Sto Detail Mesh

80919 Sto Detail Mesh
80920/81920 Sto Mesh



Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS	
Tensile Strength	ASTM D-5035	Product	WARP (PLI)	WEFT (PLI)
		80919 Detail Mesh	150	160
		80920/81920 Mesh	150	160
Strength-Post Alkaline Soak	EIMA 105.01	80919 Detail Mesh	Pass	
		80920/81920 Mesh	Pass	

Sto Mesh and Sto Detail Mesh are specially designed coated glass fiber fabrics used to provide reinforcement and impact resistance in Sto Wall Claddings, including StoTherm® ci and StoQuik® Silver Systems. A variety of meshes are provided for design flexibility, maximum performance, and to facilitate application.

Product	NOMINAL Weight/YD ² . +/- 5 %	Width of Roll	Length of Roll
80919 Detail Mesh	4.2 oz.	9.5" (0.24 m)	150' (45.7 m)
80920 Mesh	4.5 oz.	38" (0.97 m)	150' (45.7 m)
81920 Mesh	4.5 oz.	48" (1.22 m)	150' (45.7 m)

Coverage per Roll

80919 Sto Detail Mesh: 118 ft² (11 m²)
80920 Sto Mesh: 38" 475 ft² (44.1 m²)
81920 Sto Mesh 48" 600 ft² (55.7 m²)

Impact Resistance	Impact Classification (inch – lbs)
StoTherm® EIFS with Sto Mesh	Standard (25 – 49)
With 2 layers Sto Mesh	Medium (50 – 89)
With Sto Intermediate Mesh	High (90 – 150)
With Sto Armor Mat and Sto Mesh	Ultra High (over 150)

Packaging per carton

80919 Sto Detail Mesh: 16 rolls
80920/81920 Sto Mesh: 4 rolls

Shelf Life

2 years in original, unopened container when properly stored.

Features Benefits

1 Flexible	Easily wrapped at corners; provides crack resistance
2 Trimmed Edges	Minimizes building on overlapped seams
3 Coated Glass Fiber	Durable, long-lasting; provides impact resistance
4 Variety of Weights	Meets a variety of requirements

Storage

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

Sto Mesh & Sto Detail Mesh

Where to Use

80919 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 StoTherm® and StoTherm® ci, and to bridge sheathing joints and wrap rough openings in StoGuard® applications.

80920/81920 Sto Mesh: for use as standard reinforcing fabric in StoTherm®, StoTherm® ci and StoQuik® Silver systems. Achieves standard impact resistance.

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

80920/81920 Sto Mesh: Apply a layer of Sto base coat over previously rasped Sto Insulation Board (or, over cement board sheathing for StoQuik® Systems). 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 2½" (64 mm) at mesh joints.

80919 Sto Detail Mesh: Refer to appropriate StoTherm wall claddings specification.

Limitations

- Sto Mesh and Sto Detail Mesh should only be used in accordance with appropriate StoTherm® and StoTherm® ci Specification or other published recommendation.

Health And Safety

Health Precautions

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

WARNING!

Causes eye irritation. Causes skin irritation

Precautionary Statements:

Wash hands thoroughly after handling. Wear protective gloves/ protective clothing/eye protection/face protection.

FIRST AID MEASURES

Eye Contact: Flush with warm running water for 15 min. Do not rub. If irritation persists, consult a physician. Skin Contact: Wash with mild soap and running water. Use a washcloth to help remove fibers. If irritation persists, consult a physician. Inhalation: Glass fibers may cause mechanical irritation to the mouth, nose and throat. Remove the person to fresh air.

Ingestion: Unlikely entry route. If symptoms develop consult a physician.

Spills

Collect and dispose of in accordance to local, state or federal regulations.

Disposal

Dispose of in accordance with local, state or federal regulations.

Warning

KEEP CONTAINERS CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Safety Data Sheet (SDS) on www.stocorp.com 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.

Refer to Sto Specifications for more complete information on proper use and handling of this product.

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

**S155-80919,80920,
81920,**
Revision Number: A3.0
Date: 06/2016

Attention

This product is intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. It should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Sto's control. Improper use of this product or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components. **STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUED TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME.** For the fullest, most current information on proper application, clean-up, mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto Corp. website, www.stocorp.com.