

# Sto Intermediate Mesh

80918 Sto Intermediate Mesh

## Technical Data

REPORT	TEST METHOD	TEST CRITERIA	TEST RESULTS	
<b>Tensile Strength</b>	ASTM D-5035	Product 80918 Intermediate Mesh	WARP (PLI) 300	WEFT (PLI) 460
<b>Strength-Post Alkaline Soak</b>	EIMA 105.01	80918 Intermediate Mesh	N/A	
<b>Product</b>	<b>NOMINAL Weight/YD<sup>2</sup>. +/- 5 %</b>	<b>Width of Roll</b>	<b>Length of Roll</b>	
Sto Intermediate Mesh	11 oz.	38" (0.97 m)	75' (22.9 m)	

*Sto Intermediate Mesh is a specially designed coated glass fiber fabric used to provide reinforcement and impact resistance in StoTherm Wall Claddings, including StoTherm NExT. A variety of meshes are provided for design flexibility, maximum performance, and to facilitate application.*

**Coverage per Roll**  
Sto Intermediate Mesh:  
238 ft<sup>2</sup> (22.1 m<sup>2</sup>)

**Packaging per carton**  
Sto Intermediate Mesh: 4 rolls

**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 the side (not upright).

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

## Features Benefits

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

# Sto Intermediate Mesh

## Where to Use

For use as a reinforcing fabric in StoTherm wall claddings. Achieves high 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

**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 2½" (64 mm) at mesh joints.

## Limitations

? Sto Intermediate Mesh should only be used in accordance with appropriate StoTherm Insulated Wall Cladding Specification or other published recommendation.

## Health And Safety

### Health Precautions

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

### Safety Precautions

Use adequate ventilation. Safety

goggles and protective gloves are recommended. Remove contaminated clothing immediately.

### 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.

### 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 Material Safety Data Sheet on [www.stocorp.com](http://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.*

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**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

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