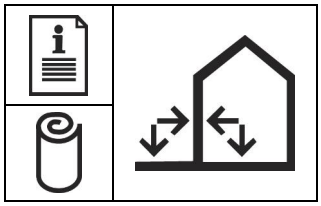
# Sto Repair Mesh

81218 Sto Repair Mesh



| Technical Data | |
|---|---|
| **Weave Type** | **Leno** |
| **Nominal Weight,** oz/yd² (g/m²) | 1.8 (42.7) |
| **Construction** (yards/inch) | 10 x 10 |
| **Minimum Tensile Strength** | |
| **Warp,** 16/in N/cm) | 45 (78.8) |
| **Weft,** 16/in (N/cm) | 55 (96.3) |

| Features | | Benefits |
|---|---|---|
| 1 | **Alkali-resistant** | Compatible with cement-based materials |
| 2 | **Highly Flexible** | Can be wrapped around corners and returns; easy to form |
| 3 | **Increases Tensile Strength** | Helps prevent cracks from reappearing |
| 4 | **Fiberglass-based** | Durable, long-lasting |

*Sto Repair Mesh is a flexible treated glass fiber mesh that reinforces acrylic compounds, membranes, or Portland cement-based products. Embed it in materials applied over cracks to help prevent the cracks from reappearing. It is also used in corner details for corner reinforcement.*

### Coverage

450 ft² per 39 inch wide roll (41.8 m² per 1m wide roll)

### Packaging

Four x 150 ft (45.7m) long rolls per carton

### Shelf Life

12 months in original, properly stored, unopened container.

### Storage

Store in a dry area between 50°F (10°C) and 85°F (29°C). Protect from direct sunlight and extreme heat [90ºF (32ºC)]. Protect from freezing.

# Sto Repair Mesh

## Application

Use Sto Repair Mesh at a pre-conditioned temperature of 70 ± 5°F (21 ± 3°C).

Apply Sto Repair Mesh to freshly placed repair material. Embed mesh using a stainless-steel trowel. Smooth out any wrinkles, forcing the mesh down and covering it with fresh materials.

At all mesh joints, overlap the Sto Repair Mesh at least 2.5 inches (64 mm). Reinforce exposed corners with two thicknesses (double wrap) of mesh. Trim all loose or frayed edges.

On walls requiring use of Sto Repair Mesh at full-width, embed the mesh starting at the top and working down.

## Limitations

- Always store Sto Repair Mesh on its roll or lying flat. Never store on end, this may lead to crumpled, wrinkled or creased mesh that may be difficult to work with.
- For use only with appropriate Sto repair materials. See specifications.
- Recommended for bridging static hairline cracks.

## Health And Safety

### Health Precautions

Contains fiberglass. Avoid breathing dust. 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 in an appropriate container.

### 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 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.*

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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 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.