

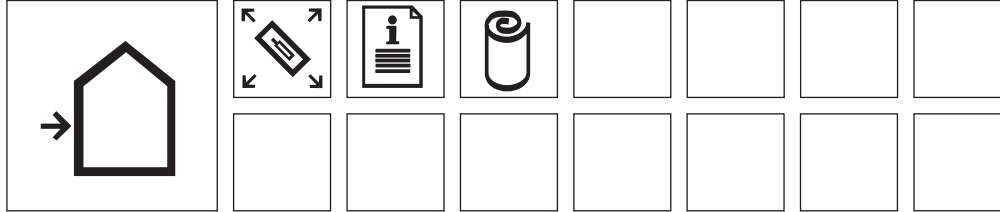
# Sto AAC Meshes

## 401 & 402

Division 9

401 Sto AAC Mesh

402 Sto AAC Detail Mesh



*Sto AAC Meshes are specially designed coated glass fiber fabrics used for reinforcement of AAC substrates with Sto AAC base coat.*

### Technical Data

Description	NOMINAL				Tensile Strength (ASTM D-5035)		Strength-Post Alkaline Soak (EIMA 105.01)
	WT/SQ. YD. ±5%	WIDTH OF ROLL	LENGTH OF ROLL	COVERAGE/ ROLL	WARP (PLI)	WEFT (PLI)	
Sto AAC Mesh	4.5 oz.	38" (.97 m)	150' (45.7 m)	475 ft <sup>2</sup> (44.1 m <sup>2</sup> )	150	160	Pass
Sto AAC Detail Mesh	4.2 oz.	9.5" (24 cm)	150' (45.7 m)	118 ft <sup>2</sup> (11 m <sup>2</sup> )	150	160	Pass

### Packaging

Sto AAC Mesh: 4 rolls per carton  
Sto AAC Detail Mesh: 16 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).

### Features

### Benefits

- |                             |  |
|-----------------------------|--|
| <b>1 Flexible</b>           | Easily wrapped at corners; provides crack resistance |
| <b>2 Trimmed edges</b>      | Minimizes building on overlapped seams               |
| <b>3 Coated glass fiber</b> | Durable, long-lasting; provides impact resistance    |

# 401 & 402 Sto AAC Meshes

## Surface Preparation

Surfaces must be free of all bond-inhibiting materials, including dirt, efflorescence, and other foreign matter. Repair surface defects—breaks, chips, fractured edges—with AAC manufacturer's

approved repair mortar. Rasp joints and other areas where AAC surface is out of plane to a smooth in-plane surface.

## Application

Apply Sto AAC base coat to the prepared surface to a rough thickness of 1/8 inch (3 mm). Work horizontally or vertically in strips of 40 inches (1016 mm), and immediately embed Sto AAC Mesh into the wet base coat by troweling from the center to the edge of the mesh. Overlap the mesh not less than 2-1/2 inches (64 mm) at mesh seams. Feather seams and edges. Double wrap all inside and outside corners with minimum 2-1/2 inch (64 mm) overlap in each direction. Avoid wrinkles in the mesh. The mesh must be fully

embedded so that no mesh color shows through the base coat when it is dry. Re-skim with additional base coat if mesh color is visible or if additional thickness is needed to make the wall straight or plumb. Use Sto ACC Detail Mesh when working into reveals and for intricate architectural shapes. The maximum dry thickness of each layer of base coat is 1/16 inch (1.6 mm). Apply Sto Primer evenly with brush, roller or proper equipment over the clean, dry surface and allow to dry thoroughly before applying finish.

## Limitations

Sto AAC Meshes should only be used in accordance with appropriate Sto specifications or other published recommendations.

## How It's Used

For use as standard reinforcing fabric with Sto AAC Base Coat over AAC blocks, panels, and other AAC substrates.

## Health And 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 reuse.

### 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 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.

### 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 EXPRESS 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](http://www.stocorp.com).

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