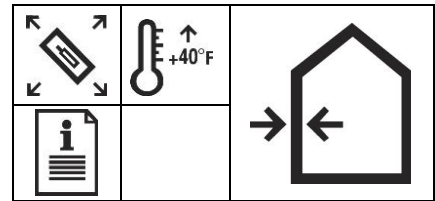


# Sto-Mesh Corner Bead Standard

00961-740 Sto Mesh Corner Bead Standard



## Technical Data

| DESCRIPTION                 | LENGTH  | MESH LEG LENGTH              |
|-----------------------------|---|------------------------------|
| <b>Corner Reinforcement</b> | 8.2 ft (2.5 m)                                | 4-1/2" x 5-1/4" (11 x 13 cm) |
| <b>Construction</b>         | Perforated PVC with integral glass fiber mesh |                              |

## Features Benefits

|  |  |
|--|--|
| <b>1 Integral mesh reinforcement</b>                                     | Facilitates connection to field of wall reinforcement                                |
| <b>2 One component</b>   | Easy to install using common installation methods                                    |
| <b>3 Built-in mesh overlap at ends</b>                                   | Easy to properly adjoin one piece to another   |
| <b>4 Single source, fully compatible with all Sto base coat products</b> | Peace of mind  |
| <b>5 Factory formed</b>  | Sharper, smoother edges for improved aesthetics                                      |
| <b>6 Durable</b>   | Provides strength and protection against impact, resistance to chipping and cracking |

*Sto-Mesh Corner Bead Standard is a PVC accessory with integral reinforcing mesh for outside corner reinforcement in StoTherm® ci and StoQuik® Silver wall systems.*

### Packaging

Cartons, 50 pieces per carton, 410 lineal feet (125 m)

### Storage

Store cartons flat (not on edge) in a dry area off the ground.

### Color Description:

Yellow profile with off-white mesh

## Sto-Mesh Corner Bead Standard

### Surface Preparation

All substrates must be properly installed, structurally sound, clean, dry, and free of frost and surface contamination such as dust, dirt, salts, grease, oils, efflorescence, mold, algae, mildew, and any other contamination that may affect adhesion. Clean surfaces with appropriate cleaning agents to remove surface dust, dirt, or other contaminants.

### Application

Install Sto-Mesh Corner Bead prior to the application of field mesh. If installing multi-layer mesh systems, such as StoTherm ci high impact systems with Sto Armor Mat or Sto Armor Mat XX, install Sto-Mesh Corner Bead over the first layer of mesh and before the final layer of mesh is installed.

Use snips to cut the accessory to proper length as needed. Use full pieces wherever possible and avoid using short filler pieces. Offset accessory butt joints from substrate joints.

1. Apply base coat with a stainless steel trowel to an approximate thickness of 1/8 inch (3 mm) to the outside corner area that will receive the accessory.
2. Immediately place the accessory directly into the wet base coat material. Do not slide into place.
3. Press the accessory into place. A corner trowel is best for this purpose.

### Limitations

- All base coat materials with accessories must be installed at (40°F [4°C]) and rising temperatures and protected from freezing until dry.
- Accessory is for use only with 90° outside corners
- Do not use over moving or working joints construction

Refer to manufacturer's application and safety instructions. EPS boards must be interlocked at outside corners with tightly abutted joints. EPS boards must be interlocked, trimmed, and rasped to create a square, plumb outside corner profile. Cement boards must be installed with abutted joints, and, where necessary, shimmed to create a square, plumb outside corner profile.

4. Embed and completely cover the mesh and PVC by troweling from the corner to the edge of the mesh so that no mesh or PVC color is visible. Avoid excess build-up of base coat and feather along mesh edges.
5. Adjoin separate pieces by abutting PVC to PVC and overlapping the mesh "tail" from one piece onto the next piece. Fully embed the accessory and mesh "tail" in base coat material.
6. When installing field mesh reinforcement overlap accessory mesh and PVC. Remove any excess base coat from the outside corner.
7. Note: for additional reinforcement at the corner the field mesh may be wrapped around the corner and extend a minimum of 6 inches (152 mm) in one or both directions.

### Health And Safety

#### Health Precautions

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 immediately with soap and plenty of water.

**EYE CONTACT:** In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

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

#### Disposal

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

#### Warning

KEEP OUT OF THE REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR INDUSTRIAL USE ONLY. Consult the Safety Data Sheet for further health and safety information at [www.stocorp.com](http://www.stocorp.com).

#### 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 and Details 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](http://www.stocorp.com).