

Composites

STAINLESS TRIMS INSTALLATION GUIDE

FOR STAINLESS STEEL TRIMS FOR HYGIENIC WALL SYSTEMS

GENERAL INFORMATION

Safety Information

WHEN CUTTING OR DRILLING, ALWAYS WEAR PROTECTIVE GLASSES OR GOGGLES AND A FACE MASK WHICH COVERS THE FACE AND MOUTH, AND GLOVES. The risk of electric shock while handling stainless steel increases with the level of duration of the current passing through the metal, the current path through the body, and the frequency of the current. Effective protection can reduce the health risks. Serious injury may also occur due to sharp edges. Appropriate care and gloves should be used.

Supplies and Equipment

TOOLS NEEDED

- Angle Grinder with stainless cut off wheels File and or de-burring Tool
- Square
- Laser Level
- Caulk Gun
- High Adhesion Duct Tape
- Chalk Line
- 10' Straight Edge
- Tape Measure
- Metal Files for Stainless Steel
- Pencil

MATERIALS NEEDED

- Stainless Base and Preformed Corners
- Approved Adhesive & Microsealant
- Suitable Work Table
- Saw Horses
- Gloves
- Mineral Spirits
- Rags

CUTTING INSTRUCTIONS

When selecting a stainless steel cutting blade for your tool, read the packaging to ensure that it is suggested for use on steel to prevent damage to the tool or injuries from a broken blade. Before cutting, ensure the material to be cut is safely secured in order to avoid any movement or vibration during operation.

Powered Saws or Grinders

Only allow skilled and trained personnel who are familiar with using these tools to handle this equipment. Only mount the wheel on a machine designed for the operation. Never use force when mounting the wheel. Always start cutting in a straight line, at ninety degrees to the work piece, applying only light pressure, keeping the cut positioning constant. Applying too much pressure may reduce the speed of rotation with affects the quality of cut and damages the wheel. Ultra-thin wheels of 1.0mm, 1.6mm, or 1.9mm can be applied on massive material. By swinging the machine slightly forward and backward, the cut will be made easiest and quickest. Never give the wheel side pressure as this will cause wheel breakage and is dangerous.

- Only allow an experienced user to handle such equipment.
- Only mount the cutting wheel on the machine designed for the operation.
- Do not use force. Do not give the wheel side pressure.
- Cut in a straight line, ninety degrees to the work piece.

DISCLAIMER

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

These guidelines are provided for your safety to prevent injuries and installations problems due to common errors. The manufacturer and/or distributor of the product are not responsible for actions taken or not taken when handling stainless steel. There are many nuances of installation that are assumed to be general construction knowledge to and experienced installer and these implications are not included in this guide. This guide contains recommendations and is not intended to serve as a step-by-step, foolproof installation checklist. Selection of and experienced stainless steel installer is the sole responsibility of the project owner and architect.

*Any non-compliant installation or the use of an un-approved adhesive will result in voiding the warranty in its entirety.

The Manufacturer does not accept any responsibility for job failure resulting from or associated with improper environmental conditions at the job site.

STORAGE

Stainless Steel Trims must be stored in a clean, dry, interior area. Make sure sheets are well supported. Lay horizontally, ensuring that they are flat with proper support, do not stand on edge.

- Store in a clean, dry, interior area
- Lay panels flat with proper support
- Stainless steel edges are sharp. Keep area clear of other materials.

Pre-Install Inspection

Every attempt is made to inspect material components for cosmetic and physical abnormalities prior to shipment, however all products should be inspected for any defects prior to installation. It is the installer's responsibility to perform a full inspection of product before installation. If materials are not acceptable, please contact Crane Composites' customer service immediately. Do not install panels of unacceptable or questionable quality. Crane Composites will not be responsible for installation or removal costs of unacceptable panels.

BASIC INSTALLATION STEPS

Stainless Trim Molding | Wainscot Installation

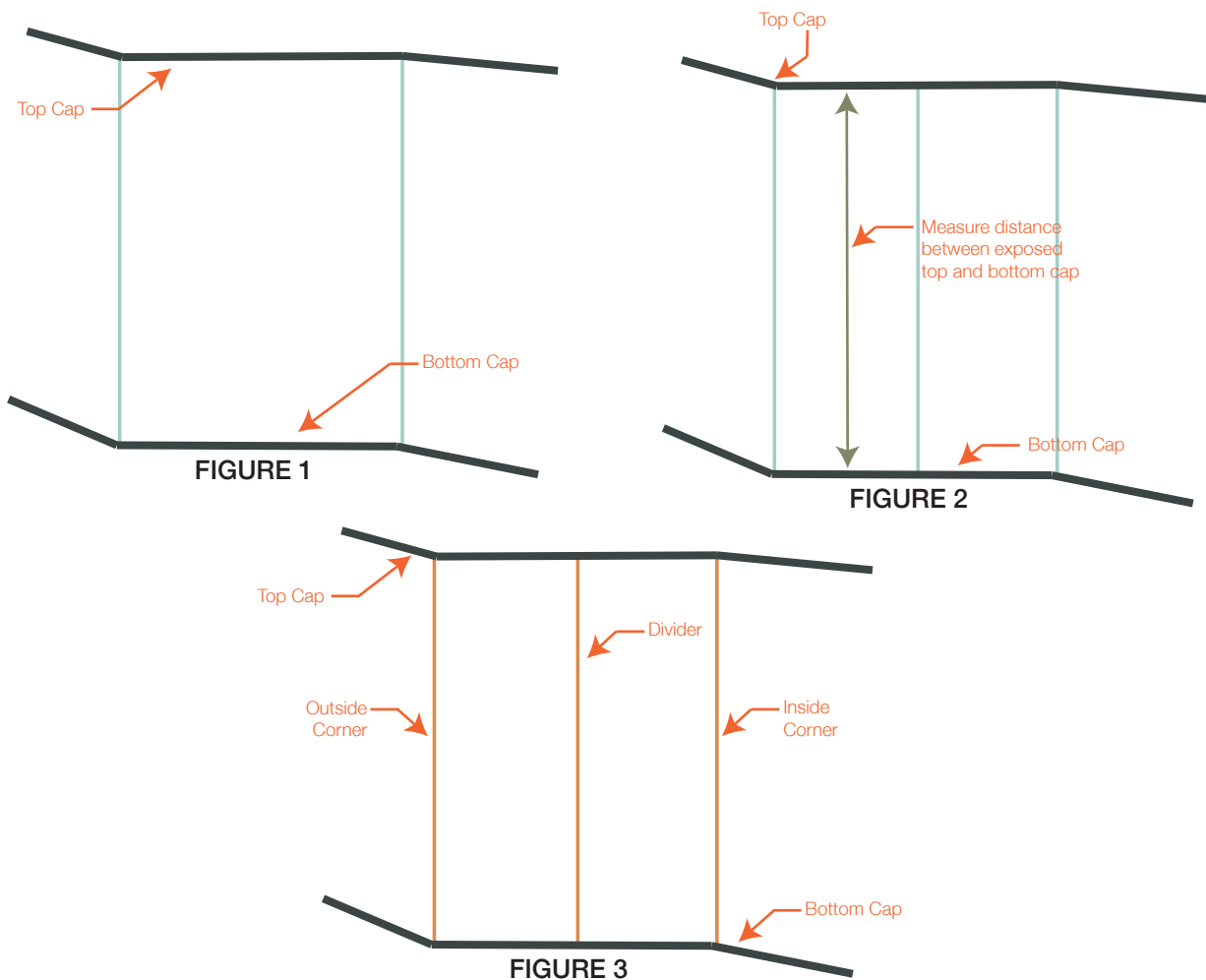
One-piece moldings with expansion control guides for installation with Glasbord wall panels. Panels are inserted into the one-piece molding opening. Polymer based adhesive should be used when installing moldings. Do not apply silicone to install. Installations requiring additional abuse resistance should use the stainless steel corner guards. Installation of panels over 12 feet long is not recommended.

1. Create a level line in the room. Start in an inside corner.
2. Measure the distance from bottom of the panel to the bottom of the top cap trim and cut inside corner trim to that dimension.
TIP: Its recommended to keep a small sample piece of cap trim with you as you install to verify the height of the divider trim or inside corner trim.
3. Relieve the top of the back flange on the inside corner trim to allow for cap trim installation.
4. Place the Inside Corner Trim into position and secure with self-tapping stainless steel screws.
5. Place first panel against wall and align leading edge with plumb line.
6. When divider trim is required, measure and cut the divider trim, then relieve both sides of the back flange to allow for cap trim installation later.
7. Place the second panel into position and slide the division bar between the two panels, leaving the gap for top cap, repeating steps 3-7 as needed. Work in one direction around the room.
8. If a moisture resistant installation is required, silicone sealant should be applied in all moldings and around all panel edges, fasteners and fixtures.

Stainless Trim Molding | Full Height Installation

One-piece moldings with expansion control guides for installation with Glasbord wall panels. Panels are inserted into the one-piece molding opening. Polymer based adhesive should be used when installing moldings. Do not apply silicone to install. Installations requiring additional abuse resistance should use the stainless steel corner guards. Installation of panels over 12 feet long is not recommended.

1. Create a level line in the room.
2. Install all perimeter bottom cap trim. Use self-tapping stainless steel screws to secure bottom cap trim. (See Figure 1)
3. Install 1st panel, then measure the distance between the top and bottom exposed edges of the cap trim. Use this measurement to cut divider, inside corners and outside corners. (See Figure 2)
4. All divider, inside and outside corner trim is to be measured and cut to install between the exposed edges of the top and bottom cap. Inside and Outside Corner Trim should be secured with self-tapping stainless steel screws. (See Figure 3)
5. Slide the next panel into place and then insert the divider trim. Work in one direction around the room.
6. Once all panels, divider, inside and outside trims are installed in each section, go back and slide cap trim onto top edge of panels. Work in one direction around the room.
7. If a moisture resistant installation is required, silicone sealant should be applied in all moldings and around all panel edges, fasteners and fixtures.



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A global leading provider of resilient wall and ceiling coverings. Kemlite® was established in 1954 and the company changed names to Crane Composites in 2007. Crane Composites is headquartered in Channahon, IL and all our products are manufactured in the United States. We work with hundreds of distributors, ensuring our products are easily accessible and readily available to our customers.

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