



Mounting Channel

MODEL: MC22-C7-K46

WARNING

Read and understand all instructions before beginning installation. Disconnect power to motor and test upon completion. Sensing edges and accessories should be installed by qualified personnel to ensure the requirements herein have been met. Keep these instructions with the installation. Wear safety glasses and gloves when cutting PVC to prevent injury.

The MC22-C7 mounting channel is designed for fast and easy installation of a sensing edge on a rolling steel door with 2-in. double-angle bottom bars. With MC22-C7, there is no need to loosen or remove the bottom bar to install a sensing edge. Simply lock the channel onto the bottom bars with the provided clips and slide the sensing edge onto the door. The MC22-C7 mounting channel is compatible with Miller Edge model MC22 sensing edges.

CONTENTS

- 46-in. Mounting channel(s)
- 46-in. Channel clip(s)

REQUIRED

- Utility knife, shears, or a saw to cut rigid PVC
- **Miller Edge MC22 sensing edge**

OPTIONAL

- Pencil or pen to mark PVC

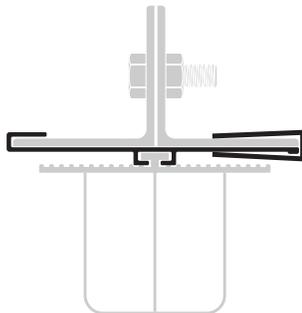


IMAGE 1: MC22-C7 Profile Detail with Channel Clip

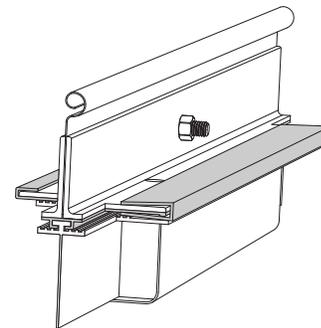


IMAGE 2: Completed MC22-C7 Assembly with MC22 Sensing Edge

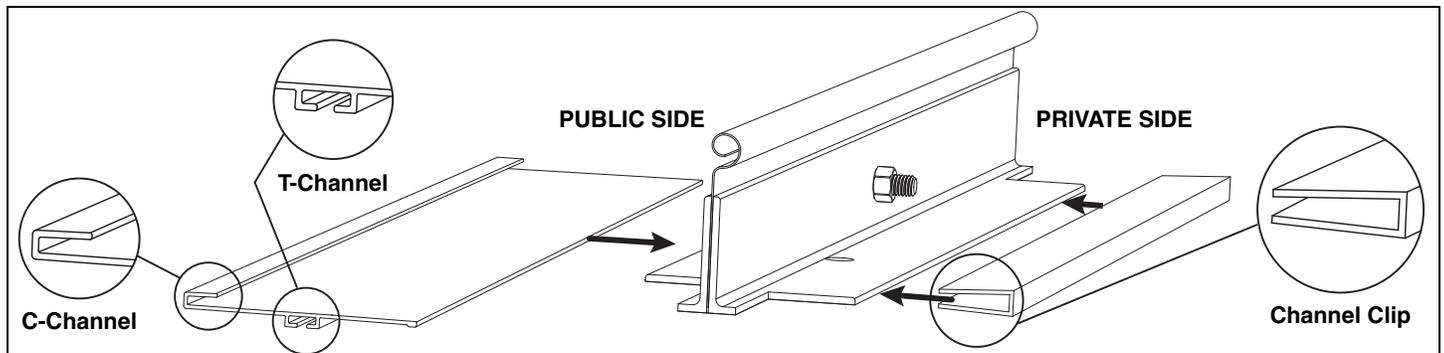


IMAGE 3: Assembling MC22-C7 on a Rolling Steel Door

I. SETUP

1. Remove the door curtain from the track and position it at a comfortable working height.
Note: If door curtain cannot be removed from the track, the sensing edge will be attached to the mounting channel prior to sliding it onto the bottom bar.
2. Remove any existing bottom seal installed on the door.
3. Measure the length of the 2-inch double-angle bottom bars to determine the final mounting channel length.
4. Measure and cut the necessary amount of mounting channel sections to match the length of the bottom bar. There should be no gaps when installed.

Warning: Wear safety glasses and gloves when cutting PVC to prevent injury.

MC22-C7_inst_20251203

II. MOUNTING CHANNEL INSTALLATION

- Starting at one end of the door, place one section of the MC22-C7 mounting channel onto the bottom bar, butting it up to the end of the bottom bars. **IMAGE 4**
 - Tip:** Install with the C-channel facing the public side of the rolling steel door. **IMAGE 3**
- Mark and score the excess mounting channel material so it matches the bottom bar profile and fits within the guides. **IMAGE 5**
- Remove the mounting channel from the bottom bar and cut the excess material. Also drill a hole for the sensing edge cable/hose at this step, if necessary.

Tip: Make the first cut into the channel with shears or a saw. Along the T-channel, score the second cut with a utility knife and bend to remove it.

OPTION 1: Remove the curtain from the track:

- Place the channel onto the door, aligning it with the end, and secure it by installing the provided channel clips. **IMAGE 6**
- Repeat 1-4 on the opposite end of the door.
- Install any additional lengths of mounting channel onto the center of the door, closing all gaps between channel sections. **IMAGE 4**

OPTION 2: If curtain cannot be removed from track:

- Slide the MC22 sensing edge onto MC22-C7 prior to installation on the door.
- Starting at one end of the door, install the channel and edge onto the bottom bar.
- Proceed with installation across the bottom of the door, closing all gaps between channel sections, and securing it with the provided channel clips. **IMAGE 6**.
- If necessary, gently bend the final section to install it.

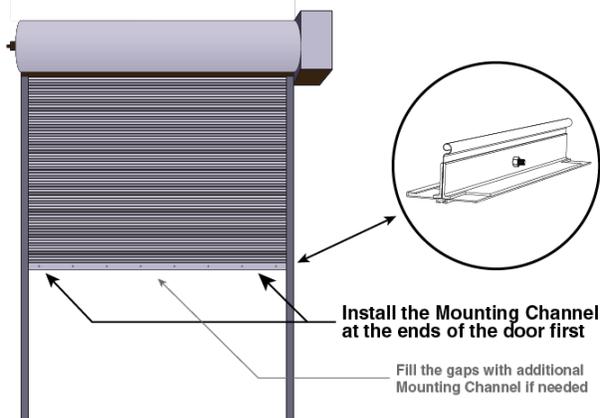


IMAGE 4: Positioning MC22-C7

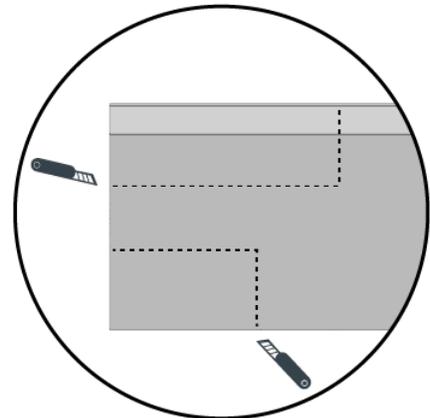


IMAGE 5: Cutting MC22-C7

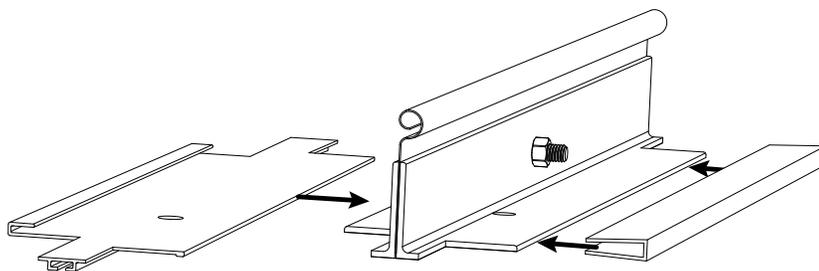


IMAGE 6: Installing MC22-C7

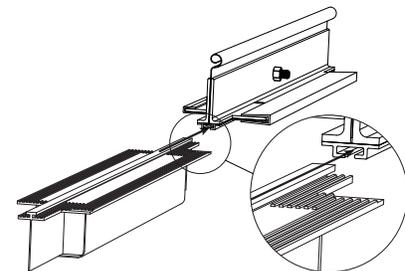


IMAGE 7: Sliding the MC22 Edge onto the Door

III. SENSING EDGE INSTALLATION

- Slide the MC22 sensing edge into the T-channel of MC22-C7, centering it on the door. **IMAGE 7**
- Refer to the MC22 sensing edge installation instructions for how to trim and wire the sensing edge to the CDO.

IV. TECH SUPPORT

For additional assistance, contact Miller Edge Tech Support: 800-220-3343