MORSE
INDUSTRIES
An mid Company

EDGE-SUPPORTED SAFETY SHIELD
INSTALLATION INSTRUCTIONS

EDGE-SUPPORTED SHIELD KIT

The Edge-Supported Shield utilizes a U-Channel for support, and does not require vertical posts. This system provides a solid barrier with no gaps. Customizable lengths up to 20'. The aluminum U-Channel works with a variety of infill materials and accommodates thicknesses from 3/8" to 1/2". Multiple finishes and claddings are available.

KIT INCLUDES (Part #A54-5040)

(1pc) TOWERTECH2 CLEAR ARCHITECTURAL SEALANT

Part #: G42-5950CLR
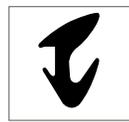
(1pc) GLAZING GASKET

Part #: V50-0601BKA
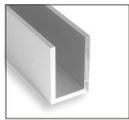
(1pc) ALUMINUM U-CHANNEL

Part #: A40-1402BSA10

OR

(1pc) LOW PROFILE BASE CHANNEL

Part #: A42-0064AEY10C

Recommended: 1/4 in. x 1-1/4 in. Lag Screw

Recommended: 1/4 in. x 2 in. Lag Screw
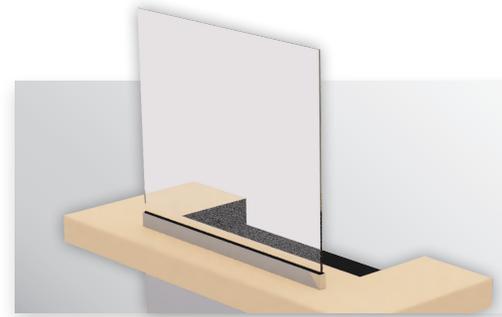
OPTIONAL END CAP:

(2pc) END CAP

Part #: A17-1402BSA

OR

(2pc) END CAP

Part #: A17-0064

NOTE: For use with
Part #: A40-1402BSA10 Only

NOTE: For use with
Part #: A42-0064AEY10C Only

CLEAR INFILL

U-CHANNEL

GLAZING GASKET

END CAP

SEALANT
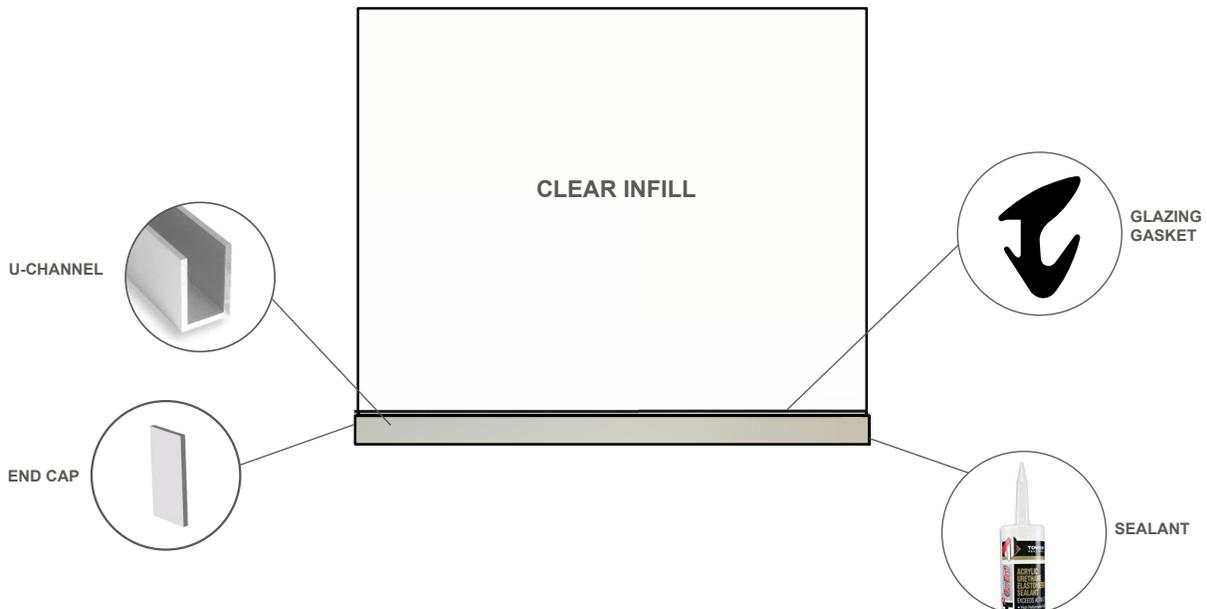
INSTALLATION

The following information will help you streamline set-up and installation.

1 On the bottom of the inside of the U-Channel, mark and drill the screw holes to the specifications shown in the diagram below.

30.38in

3in typ.   6in O.C.

Ø.31in
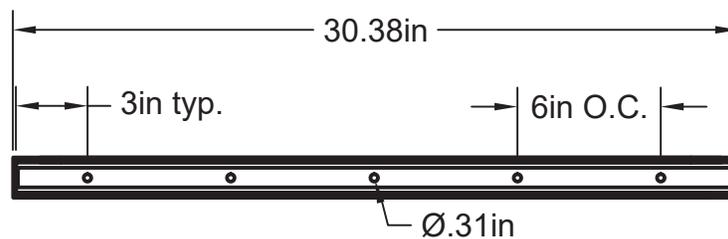
2 Attach the U-Channel to the substrate: Set the U-Channel on the substrate in the final installation position. Mark the pilot hole positions using the drilled screw holes in the bottom of the U-Channel. Remove the U-Channel from the substrate. Drill the marked pilot holes. Place the U-Channel back on substrate and drive the screws into place.

3 Apply the Sealant to the entire length of the inside of the U-Channel.
NOTE: Ensure that all of the screws are covered with the Sealant.

SEALANT

4 Place the Infill inside of the U-Channel.

**5** Place the Gasket along the U-Channel on both sides of the infill.

CLEAR INFILL

GLAZING GASKET
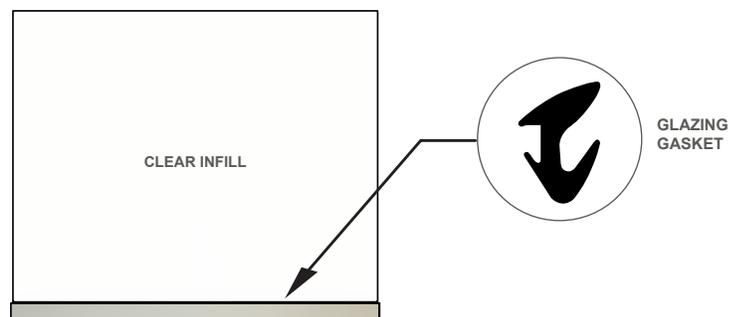
6 Apply Sealant to the U-Channel and attach the Endcaps.

SEALANT
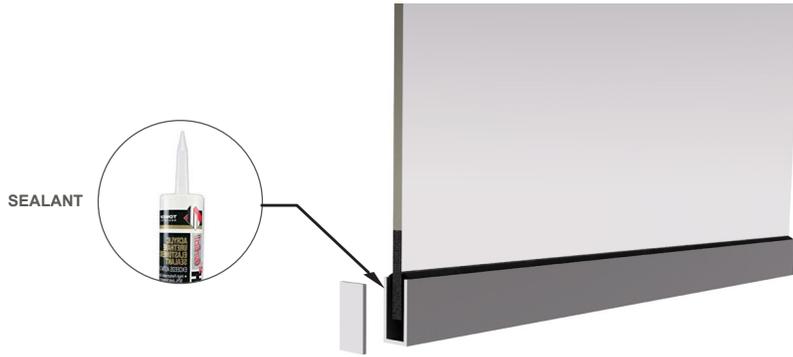
Final installed U-Channel