

## Flush Mounted Fire Rated Corner Guards

### STORAGE & HANDLING

The corner guards are shipped unassembled. Upon receipt, the PVC covers should be stored in a horizontal position at room temperature (70 deg F. minimum). This is a finished product, store protected in a clean, dry area away from direct sunlight.

**DO NOT WALK ON THIS PRODUCT OR STORE ANYTHING ON TOP OF IT.**

**NOTE: Stock length material does not always have squared ends and may require squaring in the field. If space is available use a minimum 12' (304.8mm) long cutting bench to allow the installer to cut the material without having to turn it around.**

**IMPORTANT! The factory recommends using back up channels at stud wall conditions.**

### INSTALLATION

The fire rated flush mount corner guard joint systems referred to in these instructions are intended for outside corners in two (2) hour fire rated wall assemblies consisting of minimum 3 1/2" (88.9mm) deep steel channel stud framing faced on each side with a minimum of two (2) layers of nominal 5/8" (15.87mm) thick gypsum wallboard. Unless otherwise specified, all corner guards are supplied 1" (25.4mm) longer than the specified ceiling height. This allows for extension of the corner guard above the ceiling line or for trimming in the field if desired.

**STEP 1.** After framing is completed, install gypsum wall board on the steel stud framing with a tightly butted joint at the corner.

**STEP 2.** Install the second layer of gypsum wall board with the square edges set back from the corner as necessary such that, when installed, the corner guard's fire barrier mat abuts the gypsum wallboard edges and the flange of the steel corner angle laps approximately 3/8" (9.525mm) onto the wallboard surface on each side.

**STEP 3.** Fasteners should be placed 3" (76.2mm) from the top and bottom, and 14" (355.6mm) O.C. Be sure to stagger fasteners on opposite sides of the retainer.

**STEP 4.** Put steel corner angle (with attached fire barrier mat) into position against the corner to be protected.

**STEP 5.** Position the aluminum retainer and the steel corner angle over the framing at the corner. Ensure that the retainer's flanges lap on the gypsum wall board and that the retainer is properly aligned with the wall. Install the retainer on the corner by securing the retainer to the steel stud on each side of the corner with self drilling screws. When securing the retainer use the marks made on the retainer in Step 3. Ensure that the retainer's flanges remain correctly lapped over the second layer of gypsum drywall as they are attached to the steel stud.

**STEP 6.** If the corner guard is less than the full height of the wall, measure and cut the PVC cover to the correct size.

**STEP 7.** Snap the PVC cover onto the retainer. This is done by inserting one side of the cover along the height of the retainer, and starting at one end, pressing the opposite side of the cover onto the retainer until it snaps into place.

**STEP 8.** Cover the exposed flanges of the aluminum retainer with drywall joint compound (by others). Feather the edges as necessary.

### CLEANING INSTRUCTIONS

Do not use chlorinated or aromatic hydrocarbons, esters or ketones to clean Tepromark products. Avoid the use of heavy degreasers or compounds containing surfactants. Avoid the use of abrasive compounds. For best results, the use of mild detergents or multipurpose cleansers is recommended. Do not use powder, bleach or ammonia based cleansers as they can leave residue which is difficult to remove.