

Crash Rail (TCRL-200)

STORAGE & HANDLING

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

DO NOT STORE ANYTHING ON TOP OF THE CRASH RAILS.

DO NOT STORE OR INSTALL IN DIRECT SUNLIGHT, INCLUDING SUNLIGHT PASSING THROUGH WINDOWS.

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.

SPLICES: When splices occur (runs over 12'-0" (304.8mm)), always splice the aluminum retainers and the PVC covers at different locations along the run.

The minimum required spacing between the splice locations is 1'-0" (25.4mm).

INSTALLATION

If the material is being cut from stock lengths, cut the longest pieces first, then cut the shorter pieces. The factory recommends using back up channels at stud wall conditions.

STEP 1. Select a section of retainer. Mark the locations for the anchor holes on the retainer, centering the anchor holes along the retainers ID mark is recommended. Anchors are spaced 16" (406.4mm) O.C. MAXIMUM with an anchor a maximum of 3" (76.2mm) from the end of the retainer. Drill the anchor holes through the retainers at the marked locations. Repeat this step for each retainer.

STEP 2. Select two (2) retainers for assembly of the aluminum retainer assembly. Place the retainers face down on a solid surface ensuring that the ends of the retainers are properly aligned. Select two of the 4" (101.6mm) wide retainer plates and attach two tinnerman clips to each side of the plate. Place one retainer plate at each end of the end of the retainers using the plates to align the retainers. If necessary a rubber or leather mallet may be used to drive the spacers tabs in the retainer channels.

STEP 3. Determine the numbers of 2" (50.8mm) retainer plates required by spacing the plates 36" (914.4mm) O.C. in the retainers. Attach 1 tinnerman clip to each side of the plates, then attach the plates in the retainer channel 32" (812.8mm) O.C.. Repeat steps 2 & 3 for each section of retainer assembly.

CAUTION! DO NOT WALK ON THE CRASH RAILS.

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

NOTE: Check to ensure the anchors supplied by the factory will work with the type of wall substrate on the project.

STEP 4. Select a section of retainer assembly, place it against the wall at the desired and specified height from the finished floor. Make sure there is an equal distance on both ends from door jambs, corners, etc. Using the retainer assembly as a template mark the location of the anchors on the wall. Remove the retainer assembly from the wall and drill the anchors holes. Drill anchor holes 1/4" (6.35mm) deeper than the length of the anchors.

NOTE: Observe all safety precautions when drilling to avoid all utilities and re-bar.

STEP 5. Place the retainer assembly back into position against the wall ensuring that the retainer is properly aligned, level, and at the proper high. Using the correct anchors attach the retainer to the wall.

STEP 6. Select end caps and/or outside corners as required. Slide the end cap's or corner's outer tabs into the retainer assembly's channel at one end of the assembly. Ensure that the edge of the tab is flush with the outside edge of the channel and completely seated in the channel. Attach the end cap or corner to the retainer using self drilling/self tapping screws. Repeat this step as necessary for all sections.

STEP 7. Select PVC cover, place the top lip of the PVC cover over the top of the retainer. Starting at one end, using the palm of the hand, push the PVC cover down over the bottom of the retainer. Repeat this step for each section of crash rail.

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.