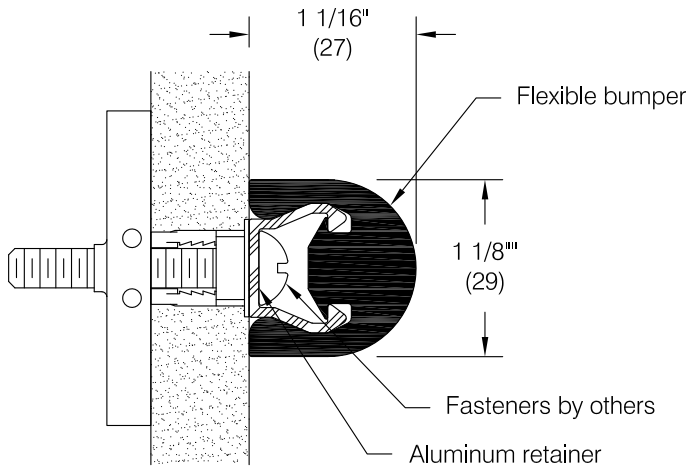
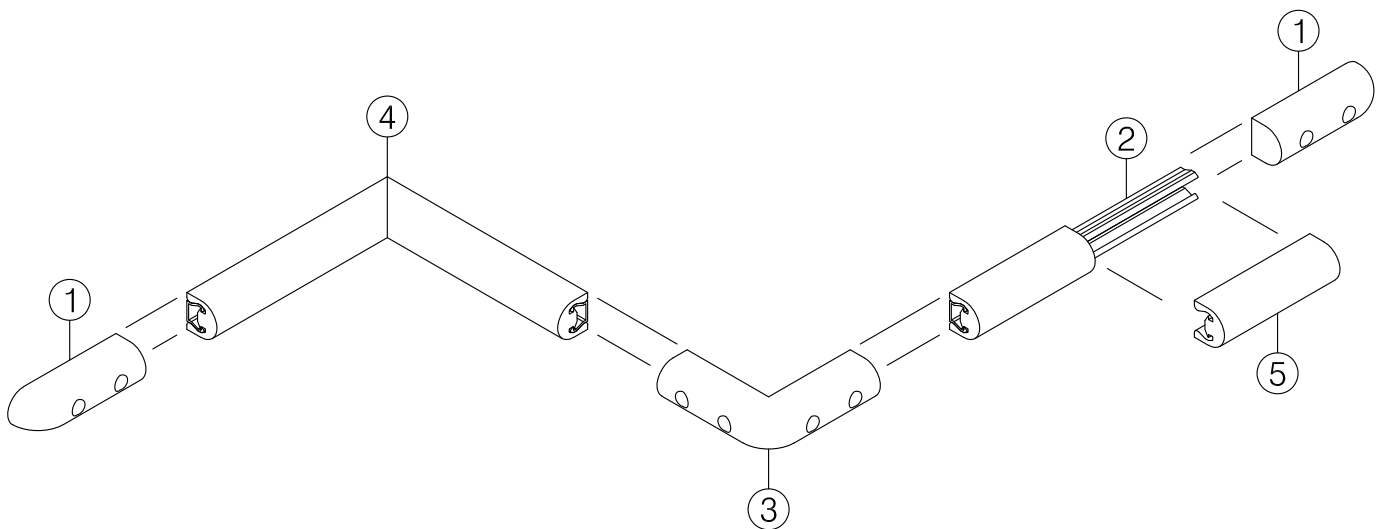


Protector Series 2257



This installation instruction is applicable to:

2257



Component Part Numbers:

- 1) Left/Right end cap
- 2) Aluminum retainer
- 3) Outside corner
- 4) Mitered corner
- 5) Flexible bumper

Step 1: Determine top of bumper guard and snap a chalk line 1/4" below to locate top of aluminum retainer, see **fig 1**.

Important: Store material in a clean dry place where the temperature is maintained between 50°F (10°C) and 100°F (38°C). Walls and rooms should be maintained at a minimum of 65°F (18°C) for at least 48 hours prior to installation. Acclimate materials to normal building conditions for at least 24 hours before cutting and installing.

Step 2: Cut aluminum retainer. See **Cutting Adjustment Diagrams and Schedule** for adjustments to retainer length at end caps, inside corners, and outside corners. Refer to **Minimum Layout Configurations** for additional information. Retainer should be mitered to accommodate outside corners that are not 90° and all inside corners.

Important: All cuts must be square and deburred.

Step 3: Pre-drill clearance holes for wall mount fasteners in aluminum retainer along the V-Groove provided, see **fig 2**. Use a #15 (.180") bit for #6 and #8 fasteners or a #7 (.201") bit for #10 and 3/16" fasteners. Space holes approximately 16" on center. Adjust spacing to accommodate studs as necessary.

Note: Drill point fasteners may be used without pre-drilling retainer on drywall installations having continuous metal backer or studs. Continue to pre-drill at locations where no backing or stud is available.

Step 5: Fasten aluminum retainer to wall using hardware listed below. Align top edge of retainer with chalk line placed in **step 1**.

Important: Begin installation of aluminum at inside corners. Continue installation working outward from inside corners allowing for molded accessories where required. See **Cutting Adjustment Diagrams and Schedule** for additional information.

Drywall Installation: Fasten retainer to wall using hardware listed below. If it is necessary to install fasteners in locations where there is no metal backing or stud use pre-drilled retainer as a template to mark and drill wall for Toggler® brand toggle bolts or plastic Alligator® insert in accordance with manufacturer instructions provided with hardware.

Masonry Installation: Using the pre-drilled retainer as a template, mark and drill the wall at all pre-drilled holes to accept plastic Alligator® insert or 3/16" Tapcon® or similar fastener. Drill in accordance with manufacturer instructions provided with hardware.

Suggested hardware :

- Drywall with metal backing : #6 or #8 Drywall screw or #8 or #10 pan head or hex washer head sheet metal screw.
- Drywall without stud or backing : Plastic Alligator® insert with #8 or #10 pan head or hex washer head sheet metal screw or 3/16" Toggler® brand toggle bolts with pan head machine screw.
- Masonry : Plastic Alligator® insert with #8 or #10 pan head or hex washer head sheet metal screw or 3/16" hex washer head Tapcon®.

Important: Select hardware that will maintain clearance between flexible cover and fastener head when installed.

Step 4: Install molded end caps and outside corners. End caps should be installed end-to-end against the aluminum retainer, see **fig 3**. The aluminum retainer cutting deduction provided in the **Cutting Adjustment Diagrams and Schedule** for outside corners will provide clearance between corner and retainer to ensure the molded corner will seat against the wall in both directions.

Drywall Installation: Using the accessory as a template pre-drill clearance holes for mounting through to metal backer or stud. Mark and drill wall for use of drywall anchor if metal backing is not present.

Masonry Installation: Using the accessory as a template pre-drill clearance holes at mounting locations, see **fig 4**.

Step 6: Secure accessory components in place using pan head or hex-washer head fasteners, see **step 5**.

Caution: It is important to use a fastener that provides maximum surface contact with the counterbored mounting hole. Do not over tighten. Use of bugle head drywall screws is not recommended.

Step 7: Measure between accessories and cut flexible bumper to fit snugly at each end. Miter cut bumper for all angles not accommodated by molded accessories. Cut bumper so that it will span butt joints in the retainer.

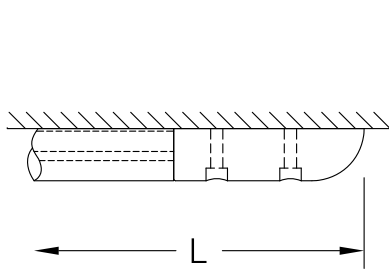
Important: All cuts must be square and deburred.

Step 8: Press flexible bumper in place over the aluminum retainer.

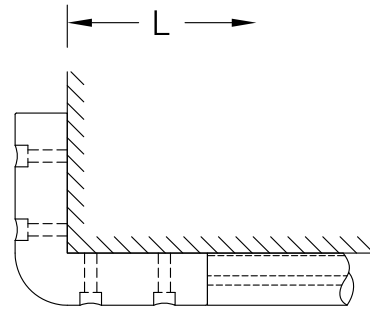
Note: The bumper will not slide over the retainer. Use a solution of dish soap with a small amount water as a lubricant to facilitate installation of the bumper.

Protector Series 2257

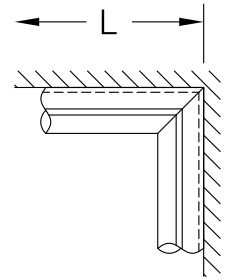
Cutting Adjustment Diagrams and Schedule



End Cap



Outside Corner

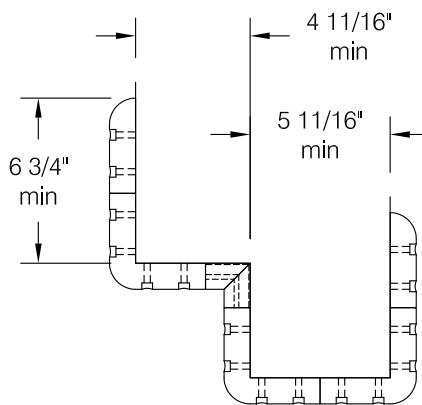
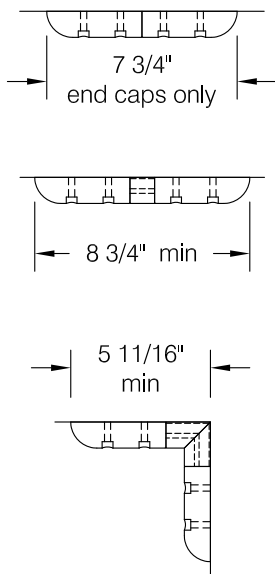


Inside Corner

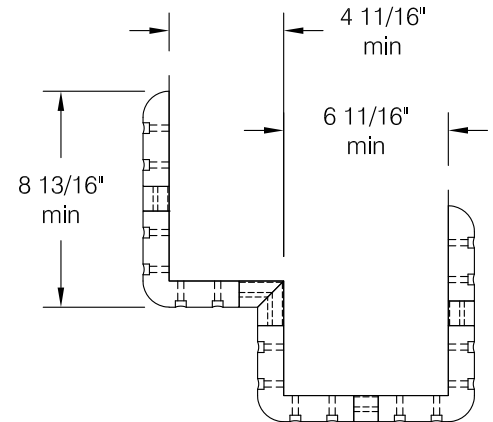
	Aluminum Retainer	Flexible Bumper
End Cap	L - 3 7/8"	L - 3 7/8"
Outside Corner	L - 2 15/16"	L - 2 7/8"
Inside Corner	L - 0" (field miter)	L - 0" (field miter)

Important: install molded accessories and aluminum retainer before cutting the flexible bumper.

Minimum Layout Configurations



Configuration with molded caps butting end-to-end at all locations except inside corner



Configuration with minimum length rail between molded caps

Protector Series 2257

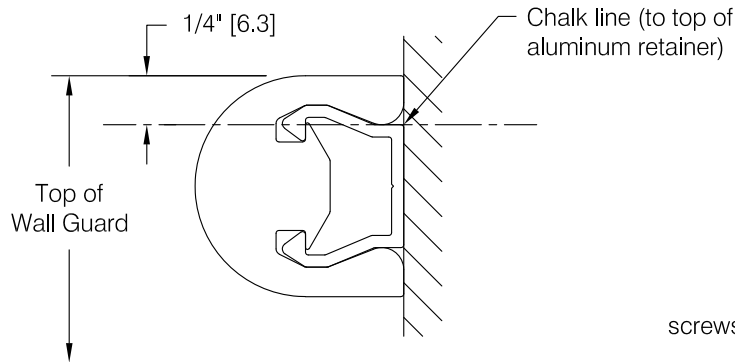


fig 1

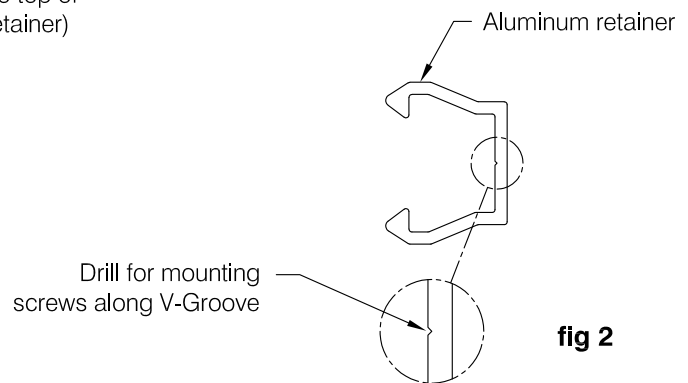


fig 2

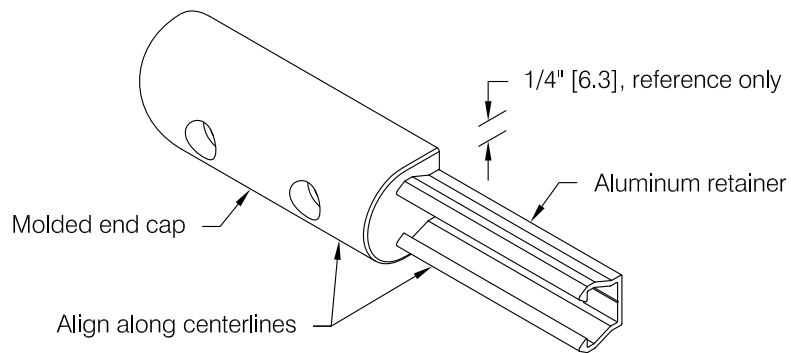


fig 3

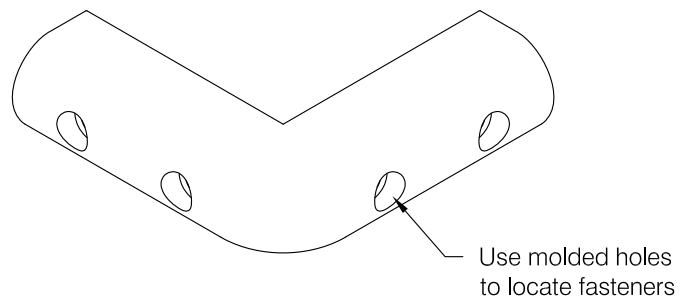
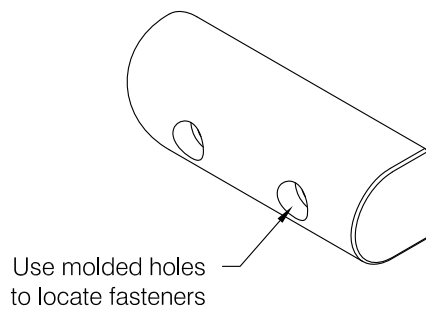


fig 4