

NOTES:

1. MATERIAL MUST REACH 65°F MIN TO 75°F MAX 24 HOURS PRIOR TO INSTALLATION. THIS IS ESSENTIAL TO MINIMIZE EXPANSION AND CONTRACTION OF THE MATERIAL.
2. FOR DRYWALL/PLASTER WALL CONSTRUCTION, IT IS RECOMMENDED FOR FASTENERS TO BE ENGAGED INTO METAL/WOOD STUDS TO MAINTAIN MAXIMUM PULLOUT STRENGTH.
3. ALL DIMENSIONS ARE TYPICAL.
4. AF-6 ALLIGATOR ANCHORS, SHOULD SEAT FLUSH WITH GYPSUM WALL.

LAYOUT VIEW

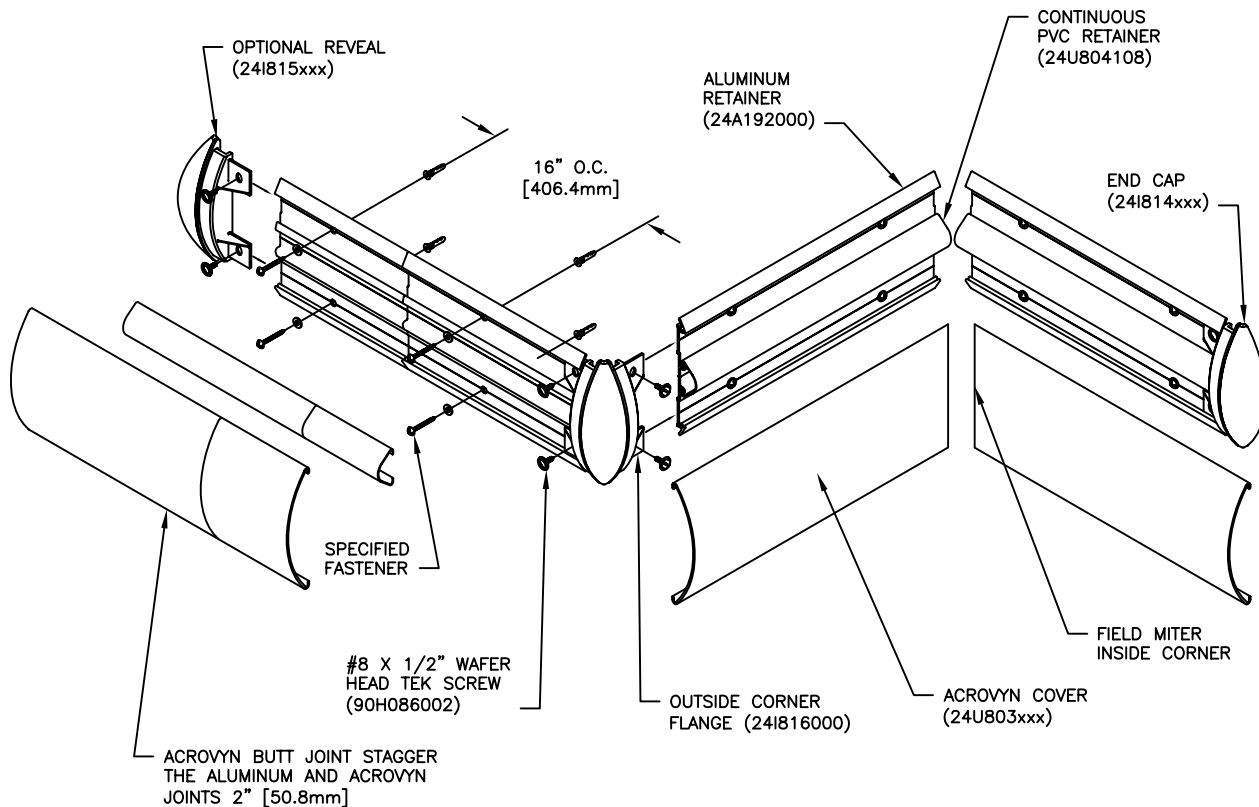
FIELD DIMENSION (TYPICAL ALL WALLS)

WALL CONDITION	SPECIFIED FASTENER	DRILL DIAMETERS		C/S PART NUMBER
		WALL	RETAINER	
STEEL STUD/GYPSUM WALL	#10 X 1 1/2" PHILLIPS PAN HEAD SMS 1/4" FLAT WASHER STEEL PLATED SAE AF-6 ALLIGATOR ANCHORS	1/4"	1/4"	90H189002 90H007003 90H039004
CONCRETE/CONCRETE BLOCK	#10 X 1 1/2" PHILLIPS PAN HEAD SMS 1/4" FLAT WASHER STEEL PLATED SAE AF-6 ALLIGATOR ANCHORS	1/4"	1/4"	90H189002 90H007003 90H039004
WOOD STUD/GYPSUM WALL	#9 X 2 1/4" WAFER HEAD PHILLIPS DRYWALL SCREW	N/A	N/A	90H421002

INSTALLATION INSTRUCTIONS

24AV

SCR-50M CRASH RAIL



1. ESTABLISH CRASHRAIL HEIGHT ABOVE FINISH FLOOR. DEDUCT 1" [25.4mm] AND SNAP A CHALK LINE AT THAT HEIGHT. THIS MARKS THE LOCATION OF THE TOP FASTENERS FOR THE ALUMINUM RETAINER.
2. CUT THE CONTINUOUS ALUMINUM RETAINER TO LENGTH NOTING THE REQUIRED DEDUCTIONS. DRILL 5/16" [7.9mm] CLEARANCE HOLES FOR THE FASTENERS USING V-GROOVE 3" [76.2mm] FROM EACH END AND 16" [406.4mm] O.C. MAX. ALONG THE RETAINER LENGTH.
3. USING THE RETAINER AS A TEMPLATE, DRILL 1/4" [6.3mm] CLEARANCE HOLES IN WALL SURFACE FOR MOUNTING HARDWARE. SEE "NOTE 2" ON REVERSE SIDE.
4. INSTALL EACH SECTION OF ASSEMBLED RETAINER ONTO THE WALL, IN SUCCESSION, USING THE APPROPRIATE FASTENERS. USE A LEVEL TO ENSURE RETAINER IS LEVEL.
5. ATTACH END CAPS/OUTSIDE CORNERS BY SLIDING THE END CAP/OUTSIDE CORNER ONTO THE END OF THE ALUM. RETAINER AND SECURING INTO POSITION USING TWO (2) #8 X 1/2" WAFER HEAD TEK SCREWS WITH LOCK WASHER AND NUT AT EACH END CAP AND FOUR (4) AT EACH OUTSIDE CORNER.
6. END CAPS MUST BE INSTALLED PLUMB TO ENSURE BEST POSSIBLE FIT BETWEEN THE CAP AND THE GUARD. TO AID IN LOCATING THE END CAPS CORRECTLY, CUT A 4" [101.6mm] SECTION OF GUARD FROM SCRAP AND SNAP IT ON THE RETAINER. LOCATE THE CAP SO IT IS ALIGNED FLUSH WITH TOP AND BOTTOM OF THE GUARD.
7. CUT CONTINUOUS PVC RETAINER TO LENGTH NOTING THE REQUIRED DEDUCTIONS (SEE REVERSE) AND INSTALL ONTO ALUMINUM RETAINER.
8. CUT THE ACROVYN COVER TO LENGTH. THE COVER LENGTH IS DETERMINED BY MEASURING THE DISTANCE BETWEEN THE INSTALLED END CAPS AND/OR INSIDE/OUTSIDE CORNER ASSEMBLIES. **NOTE:** IT IS RECOMMENDED THAT THE ACROVYN COVERS BE CUT SLIGHTLY LONGER (1/32" UP TO 5'-0", 1/16" OVER 5'-0") THAN THE MEASURED DISTANCE. THIS ADDITIONAL LENGTH WILL PROVIDE FOR A TIGHTER GUARD-TO-END CAP FIT. ALIGN THE TOP OF THE ACROVYN COVER WITH THE TOP OF THE ALUM. RETAINER AND SNAP THE GUARD ONTO THE RETAINER.

NOTE: MANUFACTURER RECOMMENDS ALL PRINTED "PRODUCT IDENTIFICATION" ON THE REAR OF THE ACROVYN PROFILE SHALL BE ORIENTED IN THE SAME DIRECTION DURING INSTALLATION TO ENSURE PROPER ALIGNMENT AT SPLICE BUTT JOINTS.

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