

**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 PLASTIC ANCHORS, SHOULD SEAT FLUSH WITH GYPSUM WALL.

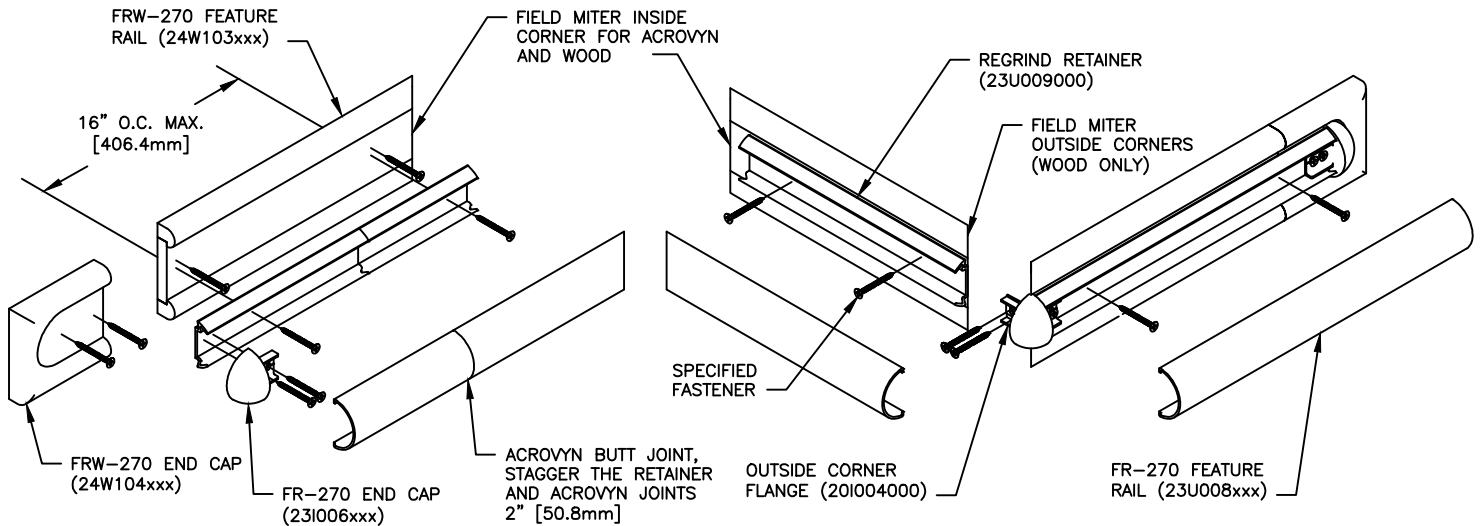
WALL CONDITION	SPECIFIED FASTENER	DRILL DIAMETERS		C/S PART NUMBER
		WALL	RETAINER	
CONCRETE/CONC. BLOCK	AF-6 PLASTIC ANCHORS #10 x 1 1/2" PHILLIPS PAN HEAD SMS	1/4"	9/64"	90H039004 90H189002
STEEL STUD/GYPSUM WALL WOOD STUD/GYPSUM WALL	#6 X 1 5/8" BUGLE HEAD SELF-DRILLING DRYWALL SCREW	N/A	9/64"	90H079002

# INSTALLATION INSTRUCTIONS

## FRW-270 FEATURE RAIL

DUE TO THE NATURE OF WOOD,  
COMPONENT COLORS MAY VARY.  
SORT WOOD COMPONENTS AND  
MATCH PARTS BY COLOR.

24BO



**NOTE:** ALL LINEAR MATERIAL TO BE SUPPLIED IN STOCK LENGTHS. WOOD IN 7'-0" TO 12'-0" [2.1m TO 3.7m] VARIABLES. THIS MATERIAL IS TO BE FIELD CUT USING QUALITY EQUIPMENT TO INSURE THAT ALL CUTS ARE SQUARE. WHEN CUTTING WOOD SECTIONS, C/S RECOMMENDS USING A SHARP CARBIDE TRIPLE TOOTH BLADE, TO MINIMIZE CHIPPING AND MAINTAIN JOINT ALIGNMENT. WE SUGGEST LONGEST FEATURE RAIL RUNS BE INSTALLED FIRST.

1. ESTABLISH FRW-270 FEATURE RAIL HEIGHT ABOVE FINISH FLOOR. FROM THE TOP EDGE OF THE FEATURE RAIL DEDUCT 1 5/16" [32.9mm] AND SNAP A CHALK LINE AT THAT HEIGHT. THIS MARKS THE LOCATION OF THE FASTENERS FOR THE FRW-270 FEATURE RAIL.
2. TO DETERMINE FEATURE RAIL LENGTH, REFERENCE THE LAYOUT VIEW FOR DEDUCTIONS. TO MAINTAIN JOINT ALIGNMENT, BOTH ENDS OF THE FRW-270 FEATURE RAIL ARE TO BE CUT SQUARE.
3. TO AVOID ANY SPLITTING PRE-DRILL CLEARANCE HOLES FOR THE WALL FASTENERS (REFERENCE CHART BELOW LAYOUT VIEW) IN THE FRW-270 FEATURE RAIL 3" [76.2mm] FROM EACH END AND 16" [406.4mm] MAXIMUM ON CENTER ALONG THE LENGTH OF RAIL.
4. USING THE FRW-270 AS A TEMPLATE TO MARK THE FASTENER LOCATIONS, DRILL HOLE DIAMETER IN THE WALL FOR SPECIFIED WALL FASTENERS. REFERENCE CHART BELOW LAYOUT VIEW FOR CORRECT DRILL DIAMETERS.
5. MOUNT THE FRW-270 FEATURE RAIL TO THE WALL USING THE APPROPRIATE FASTENERS (REFERENCE CHART BELOW LAYOUT VIEW FOR PROPER DRILL SIZE AND FASTENER). USE A LEVEL TO MAKE SURE FEATURE RAIL IS LEVEL.
6. DRILL A CLEARANCE HOLE FOR A WALL FASTENER IN THE FRW-270 END CAP LOCATED 1 27/32" [46.8mm] FROM TOP RAIL AND 1" [25.4mm] FROM THE CUT EDGE. DRILL A SECOND CLEARANCE HOLE 1 1/2" [38.1mm] FROM THE FIRST HOLE.
7. MOUNT THE FRW-270 END CAPS TO THE WALL USING THE SPECIFIED FASTENERS (REFERENCE CHART BELOW LAYOUT VIEW).
8. CUT THE CONTINUOUS FR-270 REGRIND RETAINER TO LENGTH; REFERENCE THE LAYOUT VIEW FOR DEDUCTIONS. PRE-DRILL CLEARANCE HOLES FOR THE WALL FASTENERS (REFERENCE CHART BELOW LAYOUT VIEW) 3" [76.2mm] FROM EACH END AND 16" [406.4mm] MAXIMUM ON CENTER ALONG THE CENTER OF THE RETAINER.
9. USING THE FR-270 REGRIND RETAINER AS A TEMPLATE TO MARK THE FASTENER LOCATIONS IN THE CENTER OF THE FRW-270, DRILL CLEARANCE HOLES IN THE FRW-270 FOR SPECIFIED WALL FASTENERS. REFERENCE CHART BELOW LAYOUT VIEW FOR CORRECT DRILL DIAMETERS.
10. INSTALL EACH SECTION OF REGRIND RETAINER ONTO THE FRW-270, IN SUCCESSION, USING THE APPROPRIATE FASTENERS. USE A LEVEL TO MAKE SURE THE RETAINER IS LEVEL.
11. ATTACH EACH END CAP/OUTSIDE CORNER BY ALIGNING THE END CAP/OUTSIDE CORNER WITH THE END OF THE REGRIND RETAINER AND SECURING INTO POSITION WITH TWO (2) FASTENERS AT EACH END CAP AND FOUR (4) AT EACH OUTSIDE CORNER. USE A FLAT WASHER WITH THE FASTENER TO PREVENT DAMAGE TO THE ALIGNMENT TABS. USE A LIMITED AMOUNT OF TORQUE WHEN USING A POWER DRIVER.
12. CUT THE FR-270 FEATURE RAIL TO THE PROPER LENGTH. THE COVER LENGTH IS DETERMINED BY MEASURING THE DISTANCE BETWEEN THE INSTALLED END CAPS AND/OR OUTSIDE CORNER ASSEMBLIES.

**NOTE:** IT IS RECOMMENDED THAT THE FR-270 FEATURE RAIL BE CUT SLIGHTLY LONGER (1/32" [0.8mm] UP TO 5'-0" [1.5m], 1/16" [1.6mm] OVER 5'-0" [1.5m]) THAN THE MEASURED DISTANCE. THIS ADDITIONAL LENGTH WILL PROVIDE FOR A TIGHTER GUARD-TO-END CAP FIT.

13. ALIGN THE TOP OF THE FEATURE RAIL COVER WITH THE TOP OF THE REGRIND RETAINER AND SNAP THE GUARD ONTO THE RETAINER.

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

10/19/11



Muncy, Pennsylvania • (800) 233-8493 • Fax (570) 546-5169  
Mississauga Ontario • (888) 895-8955 • Fax (905) 274-6241  
www.c-sgroup.com