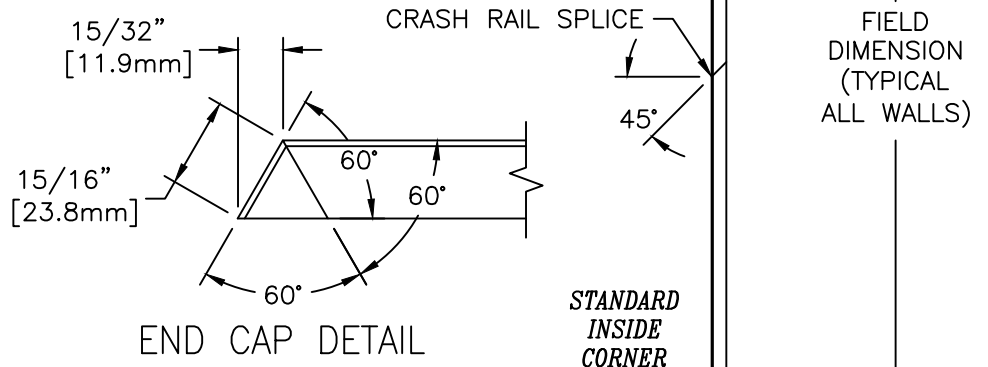


NOTES:

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.

SEE END CAP DETAIL

LAYOUT VIEW



1" [25.4mm]

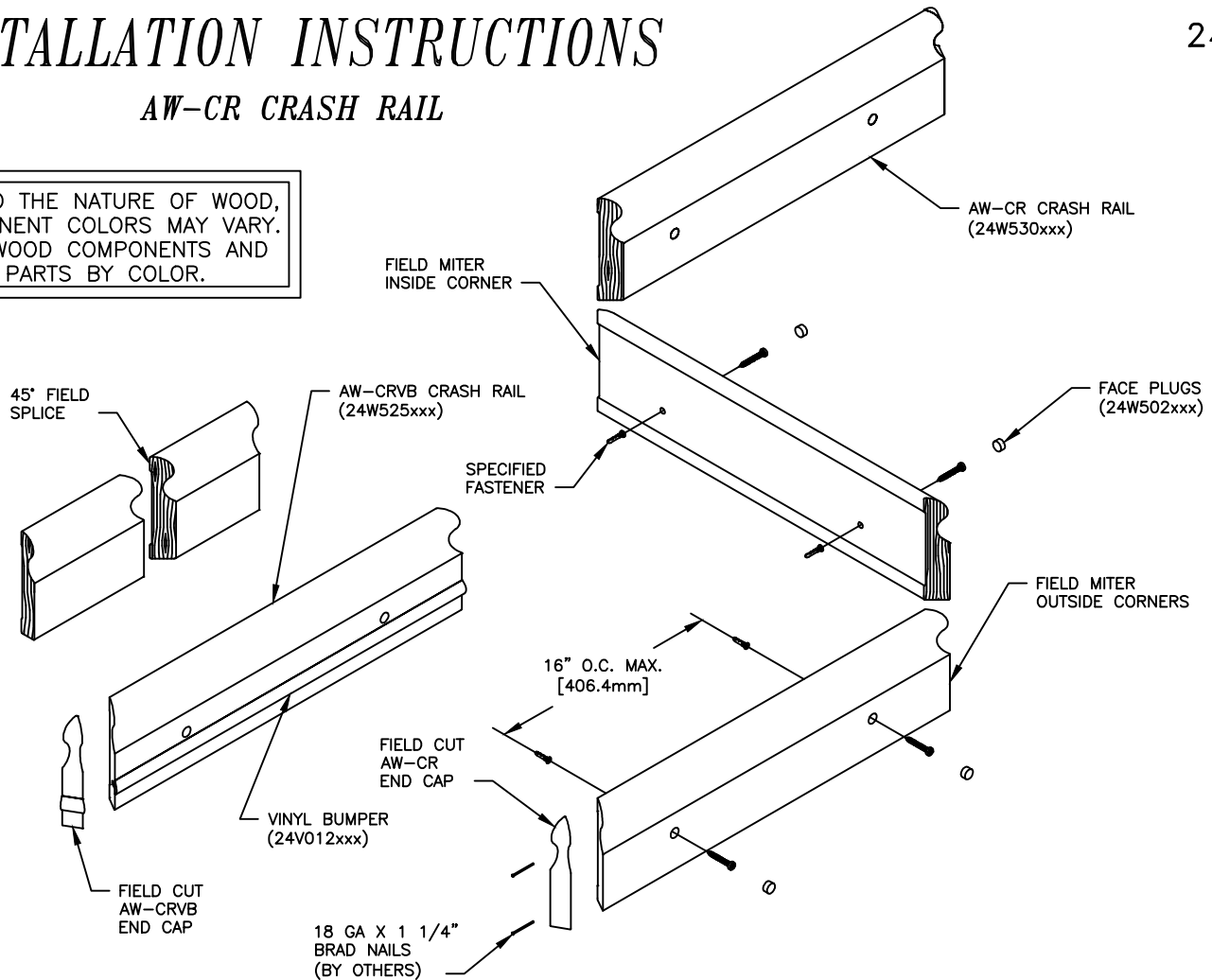
WALL CONDITION	SPECIFIED FASTENER	DRILL DIAMETERS		C/S PART NUMBER
		WALL	RETAINER	
STEEL STUD/GYPSUM WALL CONCRETE/CONC. BLOCK	AF-6 PLASTIC ANCHORS #10 x 1 1/2" PHILLIPS PAN HEAD SMS	1/4"	9/64"	90H039004 90H189002
WOOD STUD/GYPSUM WALL	#6 X 1 5/8" BUGLE HEAD SELF-DRILLING DRYWALL SCREW	N/A	9/64"	90H079002

INSTALLATION INSTRUCTIONS

24AD

AW-CR CRASH RAIL

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



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 CARBIDE TRIPLE TOOTH BLADE, TO MINIMIZE CHIPPING AND MAINTAIN JOINT ALIGNMENT. WE SUGGEST LONGEST CRASH RAIL RUNS BE INSTALLED FIRST. WHEN MATERIAL IS SHIPPED CUT-TO-SIZE, END CAPS ARE INSTALLED AND CORNERS ARE MITERED AS REQUIRED BY C/S.

1. ESTABLISH CRASH RAIL HEIGHT ABOVE FINISH FLOOR. FROM THE TOP EDGE OF THE CRASH RAIL DEDUCT 3 1/2" [88.9MM] AND SNAP A CHALK LINE AT THAT HEIGHT. THIS MARKS THE LOCATION OF THE FASTENERS FOR THE AW-CR CRASH RAIL.
2. TO DETERMINE THE CRASH RAIL LENGTH, REFERENCE THE LAYOUT VIEW FOR DEDUCTIONS. ALL CRASH RAIL ENDS THAT RECEIVE END CAPS ARE TO BE CUT AT A 60-DEGREE ANGLE ON THE CRASH RAIL. DUE TO THE COLOR MATCH, END CAPS ARE TO BE CUT FROM THE SAME CRASH RAIL SECTION. FIELD CUT THE END CAPS WITH 60-DEGREE CUTS ON BOTH ENDS. SEE END CAP DETAIL ON REVERSE.
3. ATTACH END CAPS TO THE CRASH RAIL WITH WOOD GLUE (TITEBOND IS RECOMMENDED) AND TWO 18 GA X 1 1/4" BRAD NAILS. CRASH RAILS THAT INTERSECT AT INSIDE OR OUTSIDE CORNERS ARE TO BE JOINED IN THE SAME MANNER. WIPE OFF ANY EXCESS GLUE. FILL BRAD NAIL LOCATIONS USING THE PUTTY STICK SUPPLIED IN THE TOUCH UP KIT. EASE THE MITERED JOINT EDGE BY ADDING A SMALL BEVEL TO ELIMINATE SHARP EDGES. RESTRAIN THE SANDED EDGE WITH THE STAIN STICK SUPPLIED IN THE TOUCH UP KIT.
4. DRILL 1/2" [12.7MM] COUNTERBORE 1/2" [12.7MM] DEEP WITH 9/64" [3.6MM] CLEARANCE HOLES FOR THE FASTENER 3" [76.2MM] FROM EACH END AND 16" [406.4MM] ON CENTER MAXIMUM ALONG THE CRASH RAIL LENGTH.
5. USING THE AW-CR AS A TEMPLATE TO MARK THE FASTENER LOCATIONS, DRILL THE HOLE DIAMETER IN THE WALL FOR SPECIFIED WALL FASTENERS. REFERENCE CHART BELOW LAYOUT VIEW FOR CORRECT DRILL DIAMETERS.
6. MOUNT THE CRASH RAIL TO THE WALL USING THE APPROPRIATE FASTENERS (REFERENCE CHART BELOW LAYOUT VIEW). INSTALL FACE PLUGS USING WOOD GLUE TO COVER FASTENER LOCATIONS.
7. FOR AW-CRVB ONLY: INSTALL THE VINYL BUMPER BY APPLYING EVEN HAND PRESSURE AND PUSH THE VINYL BUMPER AGAINST THE AW-CRVB CRASH RAIL. FOR END CAPS AND OUTSIDE/INSIDE CORNERS THE VINYL BUMPER WILL NEED MITERED.

NOTE: ALL OUTSIDE CORNERS AND INSIDE CORNERS ARE TO BE FIELD MITERED. FOR INSIDE CORNER CONDITIONS A FILE MAY BE USED ON BACKSIDE OF CRASH RAIL TO ACCOMMODATE ANY RADIUS INSTALLED IN DRYWALL.

NOTE: SPLICES SHOULD BE CUT AT A 45-DEGREE ANGLE, AS ILLUSTRATED. STAIN STICK SHOULD BE APPLIED TO THE CUT SURFACES OF THE CRASH RAIL BEFORE BEING MOUNTED ON THE WALL.

8. THOROUGHLY CLEAN CRASH RAIL UPON COMPLETION OF INSTALLATION. BE SURE HEAD OF SCREW IS SEATED FLUSH WITH SURFACE OF CRASH RAIL.

10/19/11



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