

FLORIDA BUILDING CODE (FBC) TECHNICAL FACT SHEET 70-21



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CORRIM

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2020 FLORIDA BUILDING CODE (FBC) HIGH VELOCITY HURRICANE ZONE (HVHZ) AND +/- 70 PSF DOORS AND FRAMES

FILE NUMBER	FL14311.R4
Door Size	48" x 96" maximum single or 96" Maximum Pair (UL 30-90 Single Door Only)
Handing/Swing	Must be out swing doors for valid FBC label - RHR or LHR
Finishes	Polyurethane, Primed or Gelcoat
Fire Ratings	UL 20, 30, 45, 60 or 90 minute labels (UL 30-90 single only)
Cores	Balsa (non-rated) or Mineral Core (rated)
Face Sheets	Choice of Smooth or Pebble
Edges	Lock edges beveled 1/8" in 2"
Lites	Visible Lite 34-3/4" x 74-3/4" max. - N = 8" x 30" min. - V = 12" x 12" min. 7/16" Hurricane laminated glass - glass and glazing by Corrim Rabbeted Vision Lite
Lites (UL 20-90)	100 square inch maximum visible lite (UL 20-90) #110 metal vision frame, galvanized or stainless steel 1/4" Wirelite NT glass with 3/8" exterior Lexan overlay - glass and glazing by Corrim
Louvers	Not Allowed
Frame Profile	Standard 5-3/4" x 2" Modified up to 12" x 2" 4" Header
Anchors	Regular or Concealed Existing (masonry or wood), T-strap or Wire
Single Transom Lite Frame System *	Maximum Height (Outside Frame): 124 3/4" (2" header) or 126 3/4" (4" header) 93 1/2" x 23" maximum visible lite Requires 7/16" Hurricane laminated glass and glazing by others
Single Sidelite Frame System	Maximum Width (Outside Frame): 126 1/2" 23" x 93 3/4" maximum visible lite Requires 7/16" Hurricane laminated glass and glazing by others
Hardware	Hardware must be FBC approved for +/- 70 PSF (minimum) and HVHZ Must include a Panic Threshold Must have 2 point latching. Approved configurations include: o Cylinder or mortise lockset with separate deadlock o Mortise lockset with deadbolt function o Mortise exit with deadbolt function or separate deadlock o Rim exit with separate deadlock Engineering review for site specific hardware approval for acceptance with Corrim doors and frames (Consult Factory)

FIXED WINDOW FRAMES

FILE NUMBER	FL12574.R4
Size	Maximum Size (Outside Dimensions) 102" x 48" with one vertical mullion / 72" x 36" / 55" x 48"
Finishes	Polyurethane, Primed or Gelcoat
Fire Rating	Not Available
Frame Profile	Standard 5-3/4" x 2" / 2" Mullion / Modified up to 12" x 2" / 4" Header
Anchors	Regular or Concealed Existing (masonry or wood), T-strap or Wire
Glazing	Requires 7/16" Hurricane laminated glass and glazing by others

* Configuration can not have both transom and a sidelite in the same opening. Non-Fire Rate Only Available

For more information please visit www.corrim.com or www.floridabuilding.org