

PHB637HDXD

Boxed Corner Penthouse

Miami Dade Approval, Miami-Dade County,
Florida Notice of Acceptance #23-0227.04 (Expiration 4/26/2028)
Florida Product Approval #FL21829.9



APPLICATION

The PHB637HDXD is a boxed corner penthouse with Miami-Dade and Florida Product Approval. Designed for impact resistance and approved for use in open structures with easy access and installation.

STANDARD CONSTRUCTION

Louver Frame	6063T6 extruded aluminum 6" (152) deep .125" (3) nominal wall thickness. See louver specification sheet for louver construction details.
Louver Blade	6063T6 extruded aluminum 0.08" (2.0) nominal wall thickness. Drainable blades are positioned at 37 1/2° angle and spaced approximately 5 29/32" (150) center to center.
Roof	.080" (2) formed aluminum with continuous aluminum hinges.
Louver Blade Support	6" (152) as required. Units 28" x 28" (711 x 711) and smaller will be supplied without supports.
Boxed Corner Flashing	.080" (2) thick formed aluminum, mechanically fastened to louver frames.
Screen	5/8" x .040" (16 x 1) expanded, flattened aluminum bird screen in removable frame. Screen adds approximately 1/2" (13) to louver depth.
Finish	Mill.
Sill	.125" (3) thick formed aluminum, extends approx. 6 1/2" (165) beyond rear of louver. Units 28" x 28" (711 x 711) and smaller will extend roughly 3 1/2" (89).
Minimum Inside Curb (Throat) Size	24" wide x 24" long (609 x 609).
Maximum Inside Curb (Throat) Size	96" wide x 84" long (2438 x 2134).
Minimum Height	12" (305).
Maximum Height	84" (2134).
Approximate Shipping Weight	12 lbs. per sq. ft. of louver.
Lifting Lugs	3/8" (10) thick aluminum, 4 per unit on louvers exceeding 48" wide x 60" tall.

FEATURES

- ▶ Impact resistant
- ▶ Maximum windload \pm 110 psf (5.27 kPa)
- ▶ Tested in TAS-201, 202, and 203 test protocols
- ▶ Approved for use in open structures with provisions to manage weather infiltration
- ▶ Front installation, no cable tie-downs required
- ▶ Hinged roof for easy internal access
- ▶ No rafters required, increasing internal capacity and accessibility
- ▶ Miami Dade NOA #23-0227.04 (Expiration 4/26/2028)

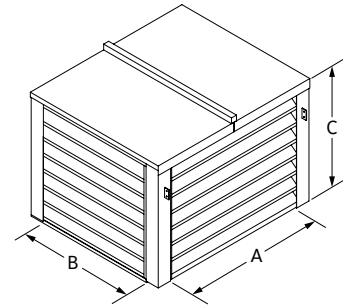
NOTE: Dimensions in inches, parenthesis () indicate millimeters.

LINKS TO IMPORTANT DOCUMENTS

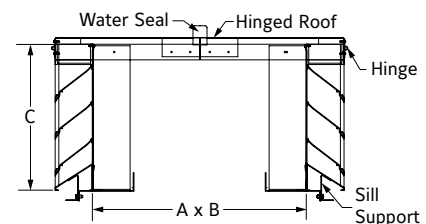
Document Title

Paint Finishes and Color Guide

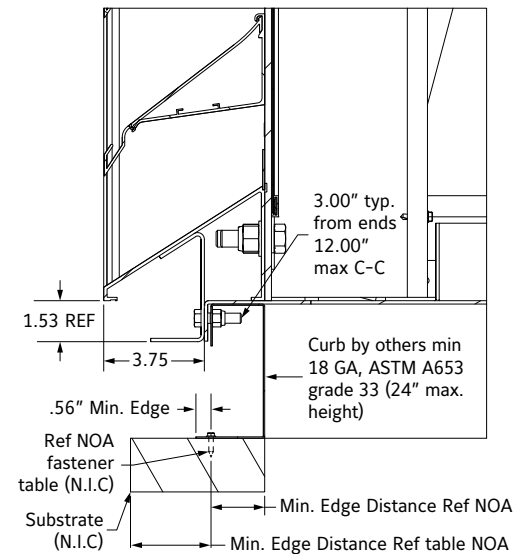
Limited Warranty Document



Isometric view



Section View



Curb Detail

VARIATIONS

Variations to the basic design of this penthouse are available at additional cost. They include:

- ▶ Please see [Paint Finishes and Color Guide](#) and [Finish Type Model Chart](#) for more details. Contact louversales@ruskin.com with questions
- ▶ A selection of bird and insect screens



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