

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION MC-13

Effective February 1, 2014

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC) and the International Building Code (IBC)**. This product shall be subject to reevaluation **January 2018**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Clubhouse Elite Railing System manufactured by:

Deceuninck North America, LLC
351 North Garver Road
Monroe, OH 45050
(877) 563-4251

will be acceptable for exterior commercial and residential guardrail applications in designated catastrophe zones along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

Clubhouse Elite Railing Systems are an assemblage of co-extruded wood-plastic composite material with a PVC cap. The assembly is constructed of level and stair rail guards. The level guards have a maximum dimension of 96 inches by 42 inches. The stair rails are available in dimensions of 47 ½ inches by 42 inches or 69 ½ inches by 36 inches. Balusters are comprised of co-extruded wood plastic composite with a 1 ⅜ inch square profile. The balusters are connected to rails using PVC baluster connectors. The components are produced in three colors: Black, Walnut and White.

LIMITATIONS

Top and bottom rails: The top and bottom rails shall be fastened to minimum treated Southern Pine (G≥0.55). The rails and components are secured in accordance with Table 1.

Design Wind Pressures: The maximum allowable load on the top rail shall be 50 plf.

Table 1 – Fastening Schedule

Railing Connection	Fastener	Quantity
Rail bracket to post	No. 12-8 x 2 ½" flat head, self-starting stainless steel screw	4
Rail bracket to rail (level)	¼"-28 x 3" partially threaded, Grade 5, hex head screw with nut	1
Rail bracket to rail (stair)	¼"-32 x 3" partially threaded, Grade 5, hex head screw with nut	1
Baluster connector to top and bottom rail	No. 8 x 2" pan-head, stainless steel screw	1
Support block to bottom rail	No. 8 x 2" pan-head, stainless steel screw	1

Note: The railing system shall be installed in accordance with the manufacturer's installation instructions and this product evaluation report. The manufacturer's installation instructions shall be on the job site during the installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.