

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION EC-9

Effective October 1, 2005

*The following product has been evaluated for compliance with the wind loads specified in **International Residential Code (IRC)** and the **International Building Code (IBC)**. This product shall be subject to reevaluation 3 years after the effective date.*

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.

Horizontal solid vinyl siding manufactured by

Kaycan, Inc.
1 Memorial Drive
Richford, VT 05476
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will be accepted for use in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

This product evaluation applies to the following Kaycan products:

Horizontal Siding:

| | |
|--------------------------------|-------------------------------|
| Marquis Double 4" | Contessa Double 5" |
| Avanti Double 4" Dutchlap | Classic Triple 3" |
| Elegance Double 5" Dutchlap | Platinum Triple 3" |
| Double 4 1/2" Ocean Park Bevel | Double 4 1/2" Ocean Park Cove |

INSTALLATION INSTRUCTIONS

General Installation Requirements:

If a non-structural sheathing (foam or fiberboard) is used, then the length of the fasteners used to secure the vinyl siding to the wall framing shall be increased by the thickness of the non-structural sheathing. Nails shall be driven in the center of the nailing slot, leaving a minimum $\frac{1}{32}$ inch space between the nail head and the vinyl siding.

The starter strips, J-channels and corner posts shall be applied with fasteners spaced a maximum of $10\frac{1}{2}$ inches on center. Panel ends should be staggered from adjacent courses.

Soffits: Soffit material may be installed without a listing in this product evaluation report. If the soffit is perforated (the soffit must be perforated along its entire length) or if the overhang is 24 inches in width or less, then the soffit material may be installed in accordance with the manufacturer's installation instructions. All other soffit installations shall be in accordance with a listing in this product evaluation report.

Wind Resistant Assemblies:

Assembly No. 1

Horizontal Siding - Fasteners Penetrating into Studs

Design pressure: -37 psf

Minimum nominal thickness: 0.040 inches

Fasteners: 1 ½" long roofing nails (⅜" diameter head, ⅛" shank diameter)

The following products are applicable: Marquis Double 4; Avanti Double 4 Dutchlap; Elegance Double 5 Dutchlap; Contessa Double 5; Classic Triple 3; and Platinum Triple 3.

Installation: Wall studs shall be minimum Douglas-Fir Larch dimension lumber. The wall studs shall be spaced a maximum of 16 inches on center. The vinyl siding shall be fastened to the wall studs with fasteners spaced a maximum of 16 inches on center. Panel ends should be staggered from adjacent courses.

Assembly No. 2

Horizontal Siding - Fasteners Penetrating into Sheathing

Design pressure: -70 psf

Minimum nominal thickness: 0.040 inches

Fasteners: 1 ½" long roofing nails (⅜" diameter head, ⅛" shank diameter)

The following products are applicable: Marquis Double 4; Avanti Double 4 Dutchlap; Elegance Double 5 Dutchlap; Contessa Double 5; Classic Triple 3; and Platinum Triple 3.

Installation: The siding shall be fastened to minimum ⅜" wood structural sheathing (plywood or OSB) or minimum ⅜" wood siding (minimum Douglas Fir-Larch lumber). The siding shall be nailed through the nailing slots at 6" on center to the sheathing or siding.

Assembly No. 3

Horizontal Siding - Fasteners Penetrating into Sheathing and Studs

Design pressure: -35 psf

Minimum nominal thickness: 0.050 inches

Fasteners: 1 ½" long roofing nails (⅜" diameter head, ⅛" shank diameter)

The following products are applicable: Double 4 ½" Ocean Park Bevel; Double 4 ½" Ocean Park Cove

Assembly No. 3 (cont)

Installation: Wall studs shall be minimum Spruce-Pine-Fir dimension lumber. The wall studs shall be spaced a maximum of 16 inches on center. The wall studs shall be sheathed with minimum nominal $\frac{1}{2}$ " plywood or $\frac{7}{16}$ " OSB or minimum $\frac{1}{2}$ " wood siding (minimum Douglas Fir-Larch Lumber). The vinyl siding shall be fastened to the wall studs and to the wall sheathing or siding with fasteners spaced a maximum of 8 inches on center. Every other fastener shall penetrate into a wall stud. Panel ends should be staggered from adjacent courses.

Note: 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.