

# TEXAS DEPARTMENT OF INSURANCE

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## PRODUCT EVALUATION EC-15

Effective April 1, 2004

*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.*

Vinyl siding products manufactured by

**Gentek Building Products Limited**  
**1001 Corporate Drive**  
**Burlington, Ontario, Canada L7L 5V5**  
**Telephone: 1-800-548-4542**

and distributed by **Gentek** and **Revere Building Products** are accepted for use in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and conditions stated in this product evaluation.

## PRODUCT DESCRIPTION

This product evaluation applies to the following products:

### Horizontal Siding:

#### Revere

Amherst Double 4"	Fair Oaks Double 4"
Amherst Double 4" Dutchlap	Fair Oaks Double 4" Dutchlap
Amherst Double 5	Fair Oaks Double 5"
Amherst Double 5" Dutchlap	Fair Oaks Double 5" Dutchlap
Bennington Double 4"	Fair Oaks 8"
Bennington Double 5"	Somerville Triple 3
Bennington Double 5" Dutchlap	Berkshire (2000) Double 4.5"
Sovereign Select Double 4"	Berkshire (2000) Double 4.5" Dutchlap
Sovereign Select Double 5" Dutchlap	Berkshire Beaded 6.5"

#### Gentek

Northern Forest Double 4"	Concord Double 4"
Northern Forest Double 5"	Concord Double 4" Dutchlap
Northern Forest Double 5" Dutchlap	Concord Double 5"
Signature Supreme 8"	Concord Double 5" Dutchlap
Signature Supreme Double 4"	Sequoia Select Double 4"
Signature Supreme Double 4" Dutchlap	Sequoia Select Double 5" Dutchlap
Signature Supreme Double 5"	
Signature Supreme Double 5" Dutchlap	

## INSTALLATION INSTRUCTIONS

### General Installation Requirements:

All fasteners shall be corrosion resistant. 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.

As a minimum, either the interior or exterior surface of the wall shall be sheathed with either structural or non-structural materials. If non-structural sheathing (such as foam or fiberboard) is used on the exterior surface of the wall, then the length of the fasteners used to secure the vinyl siding to the framing shall be increased by the thickness of the non-structural material.

Apply the starter strip with fasteners spaced a maximum of 12 inches on center. The fasteners for the corner posts shall be spaced 6 to 12 inches on center. Attach the J-channels to the framing members with fasteners spaced 6 to 12 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:** -53 psf

**Minimum thickness:** 0.042 inches

**Fasteners:** 1  $\frac{1}{2}$ " long roofing nails ( $\frac{3}{8}$ " diameter head,  $\frac{1}{8}$ " shank diameter)

**The following Revere products are applicable:** Amherst (Double 4, Double 4 Dutchlap, Double 5, Double 5 Dutchlap); Bennington (Double 4, Double 5, Double 5 Dutchlap); Fair Oaks (Double 4, Double 4 Dutchlap, Double 5, Double 5 Dutchlap, 8"); Somerville Triple 3; Berkshire ((2000) Double 4.5, (2000) Double 4.5 Dutchlap, Beaded 6.5).

**The following Gentek products are applicable:** Northern Forest (Double 4, Double 5, Double 5 Dutchlap); Signature Supreme (Double 4, Double 4 Dutchlap, Double 5, Double 5 Dutchlap, 8"); Concord (Double 4, Double 4 Dutchlap, Double 5, Double 5 Dutchlap)

**Installation:** Wall studs shall be minimum Stud or No. 3 grade Southern Pine lumber. The studs shall be spaced a maximum of 16 inches on center. Wall bracing shall be installed as required. The vinyl siding shall be fastened to the wall studs with fasteners spaced a maximum of 16 inches on center.

#### Assembly No. 2

#### Horizontal Siding - Fasteners Penetrating into Studs

**Design pressure:** -105.4 psf

**Minimum thickness:** 0.046 inches

**Fasteners:** 1  $\frac{1}{2}$ " long roofing nails ( $\frac{3}{8}$ " diameter head,  $\frac{1}{8}$ " shank diameter)

**Assembly No. 2 (Continued)**

**The following Revere products are applicable:** Sovereign Select (Double 4 and Double 5 Dutchlap).

**The following Gentek products are applicable:** Sequoia Select (Double 4 and Double 5 Dutchlap).

**Installation:** Wall studs shall be minimum Stud or No. 3 grade SPF lumber. The studs shall be spaced a maximum of 16 inches on center. Wall bracing shall be installed as required. The vinyl siding shall be fastened to the wall studs with fasteners spaced a maximum of 16 inches on center.

**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) and the International Building Code (IBC).