

## Product Evaluation

RC676 | 0821

Engineering Services Program

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 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.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

**Evaluation ID:** RC-676

**Effective Date:** September 1, 2021

**Re-evaluation Date:** August 2025

**Product Name:** Dec-Tec™ PVC Membranes, Classic Line and Coolstep Line, Roof Coverings

**Manufacturer:** Skyline Building Systems Inc.  
261185 Wagon Wheel Way  
Rocky View County, AB T4A 0E2  
(403) 250-5507

### General Description:

**Dec-Tec™ Membranes:** Nominal 60 mil and 80 mil PVC membranes. The membranes have an integral fiberglass mat reinforcement. The membranes are available in Classic and Coolstep colors and print patterns.

**WBA 100 Water Based Adhesive:** An acrylic latex for wet lay of the membrane into the adhesive. Applied as a single sided application to porous substrates using a 1/16" x 3/32" V-notched trowel. Used exclusively on horizontal surface applications. The coverage is 300-390 sq ft per pail.

**SBA 100R Solvent Based Adhesive:** A solvent based, roller-applied or brush-applied, adhesive for securing the membrane to the substrate. Applied as a double-sided application to the substrate and to the back side of the membrane. Can be used on horizontal and vertical surfaces. The coverage is 50-60 sq ft per gallon.

**SBA 200VC Solvent Based Adhesive:** A solvent based, roller-applied or brush-applied, adhesive for securing the membrane to the substrate. Applied as a double-sided application to the

substrate and to the back side of the membrane. Can be used on horizontal and vertical surfaces. The coverage is 50-60 sq ft per gallon.

**Limitations:**

**Roof Slope:** The roof deck must be provided with positive drainage. A minimum roof slope after construction of 1/4:12 is recommended.

**Roof Framing:** Roof framing members must be spaced a maximum of 16" on center.

**Existing Roof Coverings:** The existing roof covering must be removed. The condition of the existing roof deck must be checked to make sure that it is free from deterioration.

**Installation:**

**General:** Manufacturer's installation instructions must be followed, unless otherwise specified by this product evaluation report.

Install Dec-Clad drip edge, Dec-Clad Kickout, and Dec-Clad sheet metal as required in accordance with the manufacturer's installation instructions. All fasteners must be corrosion resistance as specified in the IRC and the IBC.

The substrate must be structurally sound, dry, solid, and free of dust, dirt, and debris.

**Assembly No. 1 – Wood Deck**

**Design Pressure:** -90 psf

Roof Deck: Minimum nominal 5/8" thick plywood.

Membrane: Dec-Tec™ membrane

Adhesives: WBA 100, SBA 100R, SBA 200VC

Installation: The membrane sheets are installed with a minimum 2" overlap. Thermally heat weld the overlaps. The membrane sheets can be applied to horizontal and vertical surfaces. Apply the appropriate adhesive depending on the surface application in accordance with the manufacturer's installation instructions and the application rates specified in this evaluation report

**Note:** Keep the manufacturer's installation instructions available on the job site during the installation. Use corrosion resistant fasteners as specified in the IRC and the IBC.