

# TECH-TALK

## BULLETIN

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Supersedes all previous versions

### Cold Weather Application of BlueskinVP™

Below we discuss best practices that Henry and its customers have used to aid adhesion during cold temperatures when work must proceed. As with any self-adhered membrane, ultimately the applicator is responsible for ensuring satisfactory adhesion. Please refer to the BlueskinVP™ Installation Guidelines and Technical Data Sheet for more detailed information prior to using this product.

#### **Temperature:**

Temperature can have a significant impact on adhesion. Both substrate and ambient temperature are important considerations. Be sure to measure both before installing membrane.

- Store material above 50°F (10°C) prior to installation
- Cut manageable lengths and lay out material in the sun prior to installation
- Use a Henry approved primer/adhesive to aid in adhesion

#### **Substrate Condition:**

Substrate condition is always important to successful membrane adhesion; as temperatures decrease the impact of poor substrate conditions on adhesion is amplified considerably.

- Remove loose dry contaminants (dust, dirt, etc.) with a brush or dry cloth
- Wood must meet USDA recommendations for dry lumber at time of use (U.S.D.A. Forest Service “Moisture Content of Wood” research note FPL – 0226 1973 table 1)
- Use a Henry approved primer/adhesive to lock down dust and improve adhesion
- Replace substrates contaminated with oils, grease or containing incompatible materials

#### **Time & Pressure:**

Henry recommends using an appropriate non-metallic roller to increase the pressure applied by the installer rather than hand pressure alone. This is especially important during cold weather.

- Focus additional time and pressure on details, laps and perimeters
- Blind nail within the lap to be covered, this can give additional time for the membrane to adhere
- Install later in the day when the temperatures are warmer

Once installed and satisfactorily adhered, low temperatures within the service temperature range are of little concern to the performance of the in-place membrane.

**For Additional Information Contact:**

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