

Cold Weather Installations

Carlisle Coatings & Waterproofing reminds customers that successful cold weather applications depend on paying attention to substrate and material temperatures. Generally, application of all materials should be postponed when the substrate is below 40°F, unless otherwise specified by manufacturers. In addition to knowing manufacturers' requirements, successful cold weather applications are possible by keeping in mind these general guidelines.

Storage/Transportation:

- Store materials inside a "hot box" or other heated structure, to keep them above 40°. This is particularly important for detailing sealants which will be troweled or gunned.
- Keep all flammable materials away from open flames or artificial heat sources.
- Don't transport long distances in the back of a pick-up truck.
- Refer to *Tech Bulletin – Procedures for Delivery, Storage and Handling of Freeze-Sensitive Products*

Application:

- Check substrate temperatures prior to material application and periodically throughout the day to determine if the minimum material applications are above the manufacturer's stated minimum temperatures. Don't assume an ambient temperature of 40° F equals a substrate temperature of 40°F.
- Do not apply materials to a frosted or frozen substrate.
- Do not apply materials to a previously frosted or frozen substrate without first doing a moisture mat test. Refer to *Tech Bulletin – Substrate Moisture Testing*.
- Sheet membranes like CCW MiraPLY™, CCW MiraWELD™ and CCW MiraDRAIN may be rolled out prior to installation to give them time to "relax" or reduce "roll memory."
- A heat/hot air gun will facilitate proper seam construction on sheet goods.
- Do not use water-based primers where temperatures are below 40° F.
- Remember that solvent-based primers will have prolonged flash times in colder temperature.
- Ensure primers and contact adhesives have fully flashed off prior membrane installation.
- Perform a "knuckle" test by putting your knuckles into the primer. If it doesn't transfer to your skin, it's ready. If it does transfer, it needs more time to flash off prior to membrane installation.

Contact CCW for more information at 888-229-2199 or TechnicalServices@CarlisleCCW.com.

This information is based on CCW test data, experience and knowledge considered to be true and accurate, and is provided to the user for their own consideration and validation. Visit www.carlisleccw.com for most current literature. Refer to CCW Technical Data Sheets and Safety Data Sheets prior to use. No warranty or guarantee expressed or implied is given other than those required by law.