

VOC Compliant Adhesives Cold Weather Tips

All products must be stored at a minimum of 60°F (16°C). Use of a heated enclosure or rooftop hot box is strongly recommended.

Low VOC Bonding Adhesive and Low VOC PVC Bonding Adhesive

- This adhesive must be thoroughly mixed before use.
- Prolonged exposure to freezing temperatures can cause the adhesive to thicken. If this occurs, restore the adhesive to room temperature before using.
- Drying time is affected by temperature, clouds/sun, humidity, and shade. Low VOC Bonding Adhesive will take an extended time to flash off compared to standard adhesives.
- Membranes can blister if the adhesive has not flashed off properly before mating to the substrate.
- Condensation may form on adhesive, if this occurs allow the adhesive to dry completely, and reapply fresh adhesive.

Solvent Free EPDM Bonding Adhesive

- Adhesive coverage rates must be strictly followed to ensure a quality installation. If the adhesive rate is not met, membrane blistering may occur.
- Membrane is installed immediately after adhesive application.
- Membrane is then rolled with a minimum 150 lb. weighted roller immediately after the membrane is installed.

AquaBase 120 Bonding Adhesive

- This is a water based adhesive and is subject to freezing. If the adhesive temperature drops below 32°F (0°C) the product becomes unusable, and must be discarded.
- The adhesive must not be exposed to temperatures below 32°F (0°C) for a minimum of 72 hours after application.
- Drying time is affected by temperature, clouds/sun, humidity, and shade.
- When used as a contact adhesive, the membrane can blister if the adhesive is not properly dry before installation. Blisters can also occur if excess adhesive is allowed to penetrate the insulation board joints. Do not apply excess amounts of adhesive near insulation joints to eliminate this issue.

FAST/Flexible FAST

- Available in several different application methods to meet any installation requirements.
- 15 or 50 gallon drums must be kept at a minimum of 70°F (21°C). This can be accomplished by recirculating the adhesive or by using band heaters.
- If necessary, raise the pre-heat and hose heat to 140°F (60°C).
- Foam reaction speed can be increased by adding FAST Catalyst to the “B” side drum.

	Acceptable Membranes	Coverage Rate (FT ² /Gal.)	Minimum Application Temperature
Low VOC Bonding	EPDM, TPO, PVC	60	N/A
Solvent Free EPDM Bonding	All Non-Reinforced EPDM	100	40°F (4°C)
AquaBase 120	EPDM, TPO, All FleeceBack	100 - 120	40°F (4°C)
FAST/Flexible FAST	All FleeceBack	Varies	25°F (-4°C)