

Flexion XL® Bonding Adhesive

PVC/CPA and TPO adhesive

Manufacturer:

Conklin Company Inc.
551 Valley Park Drive
Shakopee, Minnesota 55379
(800) 888 – 8838 Fax (952) 496 – 4285

Product Description:

Basic use: Synthetic polymer-based product designed for bonding. For adhering Flexion XL® CPA and OUTPOST® TPO to approved substrates.

Approved substrates: approved insulations and cover boards, wood substrates, and concrete.

Limitations: For best results, product should be applied at temperatures of 40°F and above. Bonding Adhesive must be applied to completely dry surfaces or adhesion will be adversely affected.

Sizes: 5 gal (18.9 L) pail.

Coverage Rate: 50-70 square feet per gallon (2.0-2.5 dry mils coated both sides).

Companion Products:

- **Flexion XL®**
- **OUTPOST®**

Product Properties:

Base	Synthetic Polymer
Color	Translucent Amber
Solids by Weight, %	26.5 ± 2
Pounds per Gallon	7.30
Viscosity	2,650 ± 850
Temperature:	Do not apply at temperatures less than 40° F. or during inclement weather
Dry Time*	allow to dry between 20 and 40 minutes
VOC Content	659 g/L (5.5 lbs. /gal.)

Application

Flexion Bonding adhesive should be applied at temperatures above 40°F or above. Applying the adhesive at temperatures below 40°F will extend the drying times and potentially cause condensation on the adhesive film producing lower bond strengths. Flexion Bonding adhesive is a contact adhesive and must be applied to both surfaces being bonded. If stored below 40°F, store the adhesive at or above 72°F for at least three days before using.

Roller apply Flexion Bonding adhesive to the bonding area of both the substrate and the membrane, allow to dry between 20 and 40 minutes, and roll membrane onto roof deck. Broom down the bonded roof membrane.

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Materials to be bonded should be clean, dry, and free from contaminants. Stir adhesive thoroughly before use. Apply adhesive by roller to the roof deck and membrane at the specified coverage rate. Allow adhesive to dry 16 to 30 minutes before assembly. Mate surfaces with adequate pressure to insure contact of all bonding areas.

Disposal:

Dispose of product in accordance with local state and federal regulations governing hazardous waste.

Safety:

Warning: HARMFUL OR FATAL IF SWALLOWED. CONTACT A PHYSICIAN IMMEDIATELY. Keep out of the reach of children. If spraying use a NIOSH-approved dust/mist mask. Never use a welding or cutting torch on or near drum (even empty) because product (even residue) can ignite explosively.

First Aid: Eyes – immediately flush with plenty of water for at least 15 minutes. If a contact lens is present, **DO NOT** delay irrigation or attempt to remove the lens until flushing is complete. Skin – wash with soap and water, followed by a thorough rinse. Ingestion, if swallowed, **DO NOT INDUCE VOMITING**, dilute with three to four glasses of water. Immediately call a Poison Control Center or physician for further instructions. Inhalation – immediately move to fresh air.

For US Health Hazard Information, call:

1-888-786-0974

Proposition 65 Statement: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

VOC Concentration: as applied 659 g/L (5.5 lbs. / gal.)

Storage:

Shelf Life is 12 Months when stored away from heat and direct sunshine.

Store in a cool, dry place, between 60°F and 80°F. Keep from freezing.

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