

# FLEXION® 2.0 SPRAY BONDING ADHESIVE (PVC/KEE) SPECIFICATION DATA SHEET

# Flexion® 2.0

## Spray Bonding Adhesive (PVC/KEE)

**CONKLIN®**

**ROOFING  
SYSTEMS**

### PRODUCT DESCRIPTION

- Flexion® 2.0 Spray Bonding Adhesive is a low VOC adhesive used to adhere Conklin's Flexion 2.0 membrane to a variety of substrates on horizontal and vertical surfaces. It has a quick application and fast tack time that contributes to labor savings.

### ADVANTAGES

- <250 grams/liter VOCs
- High Strength bonds
- Quick Dry Time

### TYPICAL PROPERTIES

Property	Typical Value
Base	Synthetic Polymer
Solvent	Organic solvent*
Shelf Life	1 year from Date of Manufacture**
Flash Point	-41.8QF (-41QC)
Weight / Gallon	7.25 lbs / gallon
VOC Content	232.5 g/L (EPA Method 24)
Open Time	30 minutes
Dry Time	3 - 10 minutes
Spray Pattern	Variable Web
Odor	Solvent
Service Temperature	-30°F to 200°F
Flammability	Flammable when wet. Non-flammable when dry.
Coverage (1-sided) /Canister -30 pound	1000-1200 sq. ft. Horizontal and Vertical applications***
Substrates	Include: Structural Concrete, DensDeck®, OSB, SECUROCK®, Polyisocyanurate Rigid Insulation Board, HD Cover Boards
Formaldehyde	No urea formaldehyde added during adhesive manufacturing

- Reports have associated, repeated, and prolonged occupational exposure to solvents with permanent brain and nervous system damage
- \*\* The shelf life for an unopened container of this adhesive stored at temperatures between 60°F (15.6°C) and 95°F (35°C) is 1 year from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall.
- \*\*\* Depending on substrate porosity and membrane type (KEE-modified PVC or PVC).

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## DIRECTIONS FOR USE

- Use only after careful consideration of the warnings, directions, and first aid instructions given. Do not thin.
- Surfaces to be bonded should be clean, smooth, dry and free of any moisture, dirt, grease, oil, or other contaminants.
- Connect spray gun to hose and connect hose to canister. Tighten all connections. Open canister valve and check for leaks. Keep valve open until ready to change canisters.
- CA330 can be applied at ambient temperatures of 20°F and above. Propellant in canisters must be kept above 70°F for the product to spray properly. Utilize power heated blankets and hot boxes when necessary. Ensure that the canister temperatures stay below 110°F.
- For applications taking place at ambient temperature below 70° F, store canisters in a heated space and move to project area during application. Canisters must be kept warm on the job site. Dispense product from canister while it is still warm. When product in canister becomes too cold, it will begin to spit rather than spray. If spitting occurs, swap cold canister for a warmer one and return cold canister to heated area.
- When changing canister, close the valve on the canister and depressurize the hose. Remove the hose and attach to the new canister. Open valve and do a test spray. Always keep the canister upright, or pressure and coverage rates will be reduced.
- Apply the adhesive in uniform and even coat to substrate and membrane, keeping the spray tip approximately 12" away and perpendicular to the surface during spray. Use a 50% overlapping pass to ensure 100% coverage. Avoid high thickness buildup. Do not puddle adhesive.
- Both surfaces must be allowed to partially dry before bonding. Surfaces are dry if adhesive is tacky, but no adhesive transfers to the back side of a dry finger when touched.

- Complete the bond within 3 -10 minutes (under normal conditions) after the adhesive is dry. Bonds must be made within 30 minutes.
- Position coated surfaces carefully before putting them together since no shifting is possible once contact is made.
- If surfaces do not mate after a light pressure is applied, then the open bonding time has been exceeded. Reapply adhesive and bond within 30 minutes. Bring surfaces together and immediately apply firm pressure by means of soft bristle broom over entire surface working from the center to the edges. Then roll the membrane with a weighted roller to maximize contact bond.

## APPROVED EQUIPMENT

- Adhesive Wand/Gun 058523
- Hose 12' 058526

## ATTENTION

- Empty container remains hazardous until all flammable vapors, which may explode upon ignition, are gone from residue and container. Observe all labeled hazard precautions. Do not cut, puncture, or weld while hazard exists.
- Do not reuse empty container. Recycle, or dispose of, according to all federal, state, and local regulations. Follow solvent manufacture's recommendations and instructions for safe handling.

## KEEP OUT OF REACH OF CHILDREN

## FOR PROFESSIONAL OR INDUSTRIAL USE ONLY USE ONLY WITH APPROVED EQUIPMENT



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