

K-FLEX® 120 ADHESIVE

Designed for Clad® WT Molded Fitting Covers



DESCRIPTION

K-FLEX® 120 Contact Adhesive is a one-part elastomeric adhesive formulated from a silane-terminated polymer. It is specially designed for use with K-FLEX Clad® WT Molded Fitting Covers.

AVAILABILITY

K-FLEX® 120 Contact Adhesive is white in color and is available in 10 ounce plastic tube cartridges.

APPLICATIONS

K-FLEX® 120 Contact Adhesive is free from solvents, isocyanates, and other hazardous materials. It cures on exposure to atmospheric moisture to form a strong durable bond for K-FLEX Clad® WT Molded Fitting Covers. Due to its unique properties, it also remains a highly durable flexible seal. Product benefits include VOC compliance for LEED projects, ease-of-use, no mixing required, outstanding bond strength, no primer needed, not affected by sunlight, rain, snow, ozone, or temperature extremes, non-yellowing, non-staining, non-streaking, non-corrosive, low odor, non-flammable, freeze-

thaw stable and can be applied in all weather conditions.

INSTALLATION

K-FLEX® 120 Contact Adhesive should be applied at above 40°F (4°C) temperatures. Unscrew the cap off of the cartridge, screw onto the nozzle, and insert into the caulk gun. Be sure to pierce the membrane at the front of the tube before applying pressure.

Apply a 1/8" bead of adhesive for 4" O.D. or less and a 1/4" bead of adhesive for above 4" O.D. along the edge of the product 3/8" from the edge of the overlap. Press evenly on the caulk gun for the length of the part so the adhesive is distributed equally. Allowing the adhesive to seep out slightly from the edge of the overlap is desired to create a good seal. Using a clean putty knife, scrape off excess adhesive along the seam. Wipe off the area with a clean rag and mineral spirits to finish off the job. Cleanup must be performed before the adhesive has time to set up. If all the contents in the tube are not used, simply allow

a small amount of caulk to dry at the tip of the applicator to form a plug and remove when ready to use again. K-FLEX recommends a minimum of 24 hours of applied pressure on the elbow (using twine or equivalent) for the adhesive to have adequate time to set and create a seal. K-FLEX® 120 Contact Adhesive cures approximately 50% within 24 hours and 90% within 48 hours. Optimum strength is achieved in 7 days.

Each tube of K-FLEX® 120 Contact Adhesive can seal approximately 50 Clad® WT Molded fittings (depending on fitting size and adhesive application).

CAUTION: Direct contact of uncured adhesive irritates eyes and may irritate skin. Overexposure to vapor may irritate eyes, nose and throat. Avoid eye and skin contact. Use with adequate ventilation. Do not handle contact lenses with sealant on hands. In case of eye contact, flush eyes with water for 15 minutes. Obtain medical attention. In case of skin contact, remove from skin and flush with water. Keep out of the reach of children.

PHYSICAL PROPERTIES	K-FLEX® 120 CONTACT ADHESIVE
Color	White
Packaging	10 oz plastic tube cartridge
Specific Gravity	1.53
Extrusion Rate	250 g/min
Slump	0 in
Skin over Time	5 min
Tack Free Time	75 min
Shore "A"	50
Tensile Strength	300 psi
Elongation	400%
Modulus	150 psi
Solid	98%
VOC	40 g/L (<4%)
Shelf Life	12 months in original sealed container
Storage Temperature	60°F
Flash Point	392°F