

IKOpro PUMA zero

PRODUCT INFORMATION

IKOpro PUMA zero adhesive is a two part, low rise polyurethane adhesive that contains no solvents and cures in minutes.

IKOpro PUMA zero can be used for insulation attachment in addition to its use as a fleece backed membrane adhesive.

Membrane application is quick and easy with IKOpro PUMA zero, resulting in significant labour savings for the roofing contractor.

IKOpro PUMA zero Adhesive is dispensed through a battery powered applicator assuring on-ratio mixing of the two part adhesive and provides a high-quality, consistent application every time.

Description	Membrane and Insulation Adhesive
Material	PU
Box Size	4 x 1.5 Kg Cartridge
Colour	Off White
Product Number	58800005

FEATURES & BENEFITS

- Rapid Curing
- Multi Use
- Application temperatures as low as 0°C
- Excellent adhesion properties
- Fast installation
- Cost effective application
- Foil faced to foil faced insulation bonding



IKOpro PU ADHESIVE USE

Ensure the substrate is clean and dry. Eliminate uneven surfaces to ensure positive contact between the substrate, adhesive, and insulation board or membrane. Prior to use the adhesive cartridges should be conditioned to achieve a temperature of 18 °C, this can be achieved by storing the adhesive cartridges overnight in a heated room or by using site applied hot air as per fig 1 below.

With a utility knife, remove the moulded tips at the groove from the mixing head, or snap off the tips for snap-off cartridges.

Attach a mixing nozzle to the threaded mixing head. CAUTION: if adhesive cross-mixes it may foam in the mixing tip and block proper dispense of the product. Take care to prevent adhesive from mixing before use by keeping the cartridge upright.

Place cartridge into the appropriate applicator. Note that IKOpro PUMA zero Adhesive is a low viscosity formula and it will flow into the mixing tip with gravity. It is important to load the cartridge into the applicator immediately before dispensing the adhesive and no earlier.

Apply IKOpro PUMA zero Adhesive directly to the

substrate, using 15mm-20mm beads as per the project specific wind load calculation pattern to achieve proper coverage rates for required uplift performance. Allow adhesive to begin to foam (normally 1-2 minutes) and roll fleece backed membrane into wet adhesive or place insulation boards. Roll exposed surface of waterproofing membrane with a weighted roller to ensure positive contact between the membrane, the adhesive, and the substrate. This also increases the adhesive footprint (bead width), and minimizes ghosting of the adhesive ribbon pattern through the membrane. IKOpro PUMA zero Adhesive is designed to give the contractor about 6 minutes of open time on a normal summer day so the membrane must be positioned and rolled quickly. The adhesive open time will be shorter on very hot, humid days and longer on cold, dry days.

Unused material can be applied at a later date by simply removing and discarding the static mixing tip, cleaning the cartridge head with a rag, and plugging the cartridge with the half-moon plugs or sealing cap(s) provided. A new static mixing tip must be used whenever the adhesive has been allowed to foam and cure in the mixing tip. CAUTION: forcing adhesive through a cured mixing tip may cause plunger blow-by or cartridge failure, or may result in broken application equipment.

STORAGE

Armourplan PVC Sealant should be stored in the original sealed container in dry conditions out of direct sunlight at a temperature between 5°C and 25°C. Shelf life is 12 months in an unopened container when stored at the above temperature.

COVERAGE RATES

Exposure	Number of Strips	Approximate Coverage per box (4 x 1.5Kg cartridges) (m2)
Normal	300mm ctrs	60
Roof Perimeters	150mm ctrs	30



FURTHER PRODUCT INFORMATION

Full product literature, health & safety and technical sheets are available as downloads from our website www.ikopolymeric.com or on request by email polymeric.marketing@iko.com.