
PU ADHESIVE TECHNICAL DATA SHEET

PU ADHESIVE FOR BONDING INSULATION BOARDS

DESCRIPTION AND USE

IKOpro PU Adhesive is a permanent elastic high performance moisture-cured single part polyurethane adhesive with light foaming capacity for bonding bituminous roofing membranes, vapour control layers and rigid insulation boards.

-The adhesive is cold-applied and has been specially developed to allow the safe, rapid partial bonding of roofing components to a wide variety of substrates.

-IKOpro PU Adhesive is moisture-cured and tolerant of use in damp conditions. A degree of moisture is required, either in the atmosphere or on the surface, to allow the correct adhesive bond to be achieved. However, all liquid water should be removed from surfaces prior to use.

- For use on various substrates including profiled metal decking, existing bitumen membranes, concrete, timber etc.

CURING TIME

Curing time is dependent upon ambient temperature and humidity conditions however, curing will usually occur between 2 to 6 hours.

The adhesive will take 24 hours to achieve full bond strength.

APPLICATION

The minimum working temperature is 5°C. At low temperatures, warming the containers in hot water prior to use will improve handling characteristics. (N.B. Do not boil the product.) Maximum working temperature 30°C.

Application time: max 20 minutes.

Surfaces to receive adhesive should be stable, clean and free of any liquid water (damp surfaces are acceptable).

No priming is required.

IKOpro PU Adhesive is applied straight from the container in strips at a rate of approximately 50 g per linear metre.

- Use spout on can for pouring lines of adhesive.

Four strips per metre width (200 g/m²) are usually sufficient for main roof areas.

For roof perimeter or corner zones or roofs in particularly exposed locations, more vulnerable to wind uplift, six strips per metre width (300 g/m²) should be applied.

The membrane or insulation should be applied and pressed into position before formation of a skin on the adhesive. It is recommended that the bond is checked from time to time, by lifting a corner of the insulation/membrane to ensure that the adhesive ridges have been squeezed flat. This is particularly important with uneven substrates.

CLEANING

- Trichloroethane or methylene chloride.

PACKAGING

- 6,50 kg can.

STORAGE

Keep containers tightly closed when not in use. Store in its sealed container, in dry conditions at a temperature between 5°C and 25°C.

To avoid the risk of spillage, always store and transport in a secure upright position.

SHELF LIFE

6 months in an unopened container, stored within the above temperature range.

HEALTH AND SAFETY

- Keep container tightly sealed and away from direct heat. Keep away from sources of ignition. No smoking. Avoid contact with skin and eyes. Should there be contact with skin, wash immediately with soap and water or a recognized skin cleaner. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In the event of accidents, seek medical attention immediately. Do not empty into drains. Do not allow solvent vapour to enter the air intakes of the ventilation systems of buildings.

FIRE

- In case of fire, use foam, dry powder, carbon dioxide or sand. Never use water jet.

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Transport Classification

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