



Insu-Stix insulation adhesive technical data sheet

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Insu-Stix single part moisture curing polyurethane adhesive

Description

Insu-Stix adhesive is a single component, moisture curing polyurethane adhesive for bonding insulating materials to roofing decks.

Application

Insu-Stix was developed for fixing Rockwall, PUR and EPS insulating panels to roofing decks such as asphalt, bituminous roofing felt, concrete and plywood.

The ambient temperature must be between +5 and + 60°C. Surfaces should be firm, clean and free from grease. No standing water must be present. Any detritus or oil must first be removed. The adhesive should be applied in even strips resulting in a bond at least 20% of the surface of the insulating panel. Apply in straight lines except when bonding insulating fibre when a snaking line is recommended. The bond time is dependent on temperature and humidity. Cured adhesive can only be removed mechanically.

Approx Coverage:

Rockwool	Middle	Edge	Corner
Strips	6	8	10
Grams	300	400	500

EPS & PUR	Middle	Edge	Corner
Strips	3	4	5
Grams	150	200	250

Typical Specification:

Colour: Brown, viscous.

Solids: 95%.

Viscosity @ 23oC: 3,500 1 1,000 mPa.s.

Open Joint Time*: Nominally 15 - 20 minutes.

Density: 1.1 g/cm³.

Storage & Handling:

Stored in original unopened containers, Insta-bond has a shelf life of 6 months. Store between 5-30°C. Contact with moisture must be avoided

Health & Safety:

Insu-Stix contains a non-volatile isocyanate. Avoid prolonged contact with skin. In cases of contact with eyes, flushout with excess water and seek medical attention.

Before use, ensure that you have read Health and Safety Data Sheet for this product. This information is for general guidance only and may contain inappropriate information under particular conditions of use. All recommendations and suggestions are therefore made without guarantee.

Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions.

The company will supply, upon request, individual advice in writing in connection with the use and application of its products in all appropriate cases. Customers are urged to make use of this service.

This leaflet is provided for general guidance only. All recommendations and suggestions are made in good faith but without guarantee and are subject to the company's terms and conditions.