PU Adhesive

Description:

Permanently elastic and moisture-curing solventfree single-component PU adhesive with foaming capacity and excellent bonding properties.

Use:

Bonding IKO enertherm insulation boards to various substrates including profiled metal sheets, existing bitumen membranes, concrete, timber etc.

Insulation boards with dimensions over 120cm x 120cm can’t be glued with IKO pro PU Adhesive.

Sizing and palletization:

6,5kg metal tin (item number 02401460)

Storage:

12 months in the hermetically sealed packaging, when stored in a dry, cool and frostfree place.

Partly used containers may be resealed and used again after correct storage.

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

Colour:

Light yellow

Technical characteristics:

Density: ± 1,12 g/cm³

Open time: +/- 20 minutes (20°C)

Application:

The air temperature and the product temperature should be between 5°C and 30°C.

If necessary, the can can be brought to the correct temperature by placing it in a bucket of cold or lukewarm water.

The surface should be dry, stable, clean and free of any loose particle.

Unevenesses in the substrate may not exceed 5 mm.

Use the spout on the tin for pouring beads of adhesive.

When the PU adhesive has foamed, place the insulation board in the foam and press firmly.

The insulation board must be placed in the adhesive before skin formation has occured (20 minutes).

As soon as the PU adhesive has cured (3 to 4 hours), the waterproofing layer can be applied.

Avoid walking on or moving the insulation boards during the curing process of the adhesive. Check the adhesion of the insulation board prior to the application of the waterproofing and if in doubt, carry out an adhesion test.

Consumption rate:

IKO recommends to calculate for every flat roof project the specific wind load in the the center zone, the perimeter and the corners according to Eurocode 1991-1-4.

The consumption of IKO pro PU Adhesive in these 3 zones depends on the minimum wind load resistance that the system must have.

The measured wind uplift resistance of the IKO roofing system built with IKOpro PU Adhesive can be found in the corresponding certificates. Please contact your IKO advisor for more information on this.

Cleaning of tools:

IKO pro Gun Cleaner, trichloroethane or methylene chloride

Certificates:

Production ISO 9001 & 14001

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