

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: $\pm 1,12 \text{ g/cm}^3$

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.

Unevennesses 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 occurred (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.

As a rule, the consumption of IKO pro PU Adhesive in the perimeter is 50% higher than in the center zone and in corners 100% higher than in the center zone.

Reports:

- BDA 0181-L-13/1:
 - IKO enertherm ALU glued on a bituminous VCL (180g of glue/m²): corrected value (M.O.A.T) of 4,67kPa
- BDA 0139-T-06/1:
 - IKO enertherm MG glued on a bituminous VCL (200g of glue/m²): corrected value (M.O.A.T) of 4,33kPa



Cleaning of tools:

IKO pro Gun Cleaner, trichloroethane or methylene chloride

Certificates:

Production ISO 9001 & 14001



The technical information regarding the application of liquid waterproofing products supplied by IKO is provided in good faith on the basis of IKO's current know-how and experience, and assumes that these products will be used in accordance with the above-mentioned recommendations, under normal circumstances, and provided that these products were stored and handled in the correct manner. The above-mentioned information is only intended to inform the user about the various properties and/or recommendations and can in no way be considered as a guarantee with regard to the merchantability and suitability for a specific purpose in view of the continuously changing environmental factors, including the specific conditions at the building site, the use of different materials and substrates, etc. As a result, and with the exception of binding legal stipulations to the contrary, IKO cannot be held liable on the basis of the provided information, and any other written recommendations and/or advice. Please contact IKO if you have any doubts regarding the processing, the end use or the application of these products. Users are recommended to consult the most recent edition of the technical data sheet. A copy of this will be provided upon request, or can be obtained from be.iko.com.