

HYPERGLUE-2K-TX-100

Product Data Sheet

Two Component, Solvent Free Polyurethane based Adhesive

Description

HYPERGLUE-2K-TX-100 is a solvent free, two component, semi-rigid, fast-curing, polyurethane adhesive. The product is based on pure hydrophobic polyurethane resins plus special inorganic fillers that provide the material with waterproofing as well as adhesive properties.

Recommended For

Manufacture of sandwich elements made of:

- Wood
- Rigid foam (polyurethane extruded or expanded polystyrene)
- Aluminium, steel
- Gypsum or cement board

Bonding of substrates:

- Synthetic deck
- Wood
- Tiles

Features & Benefits

- Solvent less.
- High temperature resistance.
- Non-toxic.

Application Procedure

Pretreatment of the surface to be bonded.
The substrates should be free of oil, grease and coarse dirt.

- ✓ **HYPERGLUE-2K TX-100** is applied on one of the two surfaces and then the two elements are joined together. For some applications, it might be necessary to use a mechanical support until the adhesive develops its strength. In case of porous substrate, use of primer is required.

Packaging

1.2 Kg component A+ 10 Kg Comp. B

Cleaning

To clean tools use acetone or Solvent-01. Cured adhesive can only be removed mechanically.

Shelf Life

12 months minimum in the original packaging when stored in dry places and at temperatures of 5-25°C. Once opened, use as soon as possible.

Safety Information

The MSDS (Material Safety Data Sheet) is available on request.

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Technical Specifications

Property	Units	Method	Specification
Viscosity (BROOKFIELD)	cP	ASTM D2196-86,at 25°C	Component A 20-30 Component B 20000-25000
Viscosity of the mixture (BROOKFIELD)	cP	ASTM D2196-86,at 25°C	10000-15000
Pot Life	minutes	-	15-20
Density	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, at 20°C	Component A 1.2-1.3 Component B 1.7-1.8
Hardness	Shore A	ASTM D2240 / DIN 53505 / ISO R868	>60
Tack free time, at 77deg F (25°C) & 55% RH	hours	-	1-2

For more information on Hyperdesmo, Hyperseal & Aquasmart range of products and application methods
Please contact Alchimica Technical Service at info@alchimica.co.in

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