

HYPERGLUE-2K-TX-100

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.

FEATURES & BENEFITS

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

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

APPLICATION

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.

CONSUMPTION

+/- 1.5 kg/m²/mm thickness. Recommended thickness 0.5-2.0 mm depending on application type and spatula size.

CLEANING

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

PACKAGING

1.2 Kg component A+ 10 Kg Comp. B

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

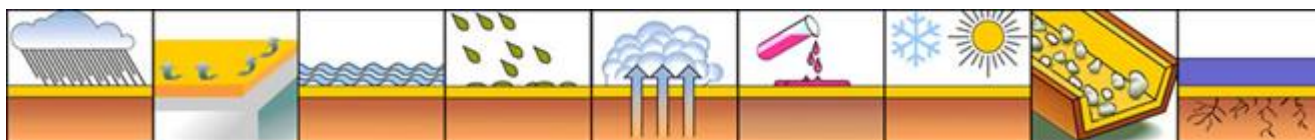
The MSDS (Material Safety Data Sheet) is available on request.

HYPERGLUE®-2K-TX-100

TECHNICAL SPECIFICATIONS

PROPERTY	UNITS	METHOD	SPECIFICATION
-Service temperature	°C	-	-40 to +90
-Viscosity (BROOKFIELD)	cP	ASTM D2196-86, at 25°C	Component A 15-30 Component B 15,000-25,000
-Pot Life	min	-	15-20
- Density	gr/cm ³	ASTM D1475 / DIN 53217 / ISO 2811, at 20°C	Component A 1.2-1.3 Component B 1.2-1.3
-Hardness	Shore A	ASTM D2240 / DIN 53505 / ISO R868	>60
-Tack free time, at 77deg F (25°C) & 55% RH	hours	-	1-2
-Adhesion to concrete	N/mm ²	-	>2

NONE OF OUR PUBLISHED INSTRUCTIONS AND SPECIFICATIONS, IN WRITING OR OTHERWISE, ARE BINDING EITHER IN GENERAL OR WITH RESPECT TO ANY THIRD PARTY RIGHTS, OR DO THEY RELIEVE INTERESTED PARTIES OF THEIR DUTY TO SUBJECT THE PRODUCT TO AN ADEQUATE EXAMINATION OF ITS SUITABILITY. IN NO EVENT WILL ALCHIMICA S.A. BE RESPONSIBLE FOR DAMAGES OF ANY NATURE, WHATSOEVER, RESULTING FROM THE USE OF OR RELIANCE UPON INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS. ALCHIMICA S.A. RESERVES THE RIGHT TO CHANGE AT ANY TIME THE PROPERTIES OF ITS PRODUCTS. PLEASE REFER TO THE CURRENT VERSION OF THE TECHNICAL DATA SHEET, AVAILABLE FROM OUR WEB SITE WWW.ALCHIMICA.COM



Certified quality, environmental and occupational health & safety management systems:
ISO 9001/14001 & ISO 45001.

HYPERGLUE-2K-TX-100/EE/18-03-2019