

TIKIBOND PU



1K Solvent Free Polyurethane Based Adhesive

DESCRIPTION

TIKIBOND PU is a solvent free one component thixotropic polyurethane adhesive suitable for application on vertical surfaces and on ceilings.

TIKIBOND PU cures through reaction with moisture from the substrate and forms a strong, durable, and water-resistant connection.

TIKIBOND PU expands slightly offering complete sealing and thermal insulating properties.

Being solvent free, **TIKIBOND PU** is highly suitable for application on solvent sensitive substrates and in poorly ventilated areas.

ADVANTAGES

- Solvent free and Non-Toxic.
- High temperature resistance.
- Thixotropic - ideal for application on vertical surface.
- Excellent adhesion to almost all material of construction.

USES

TIKIBOND PU is suitable for use as efficient, clean, economical and safe permanent bonding adhesive for matting following elements to self or to various other substrates in construction industry and in manufacture of sandwich panels :

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

SURFACE PREPARATION

The matting surfaces should be dry and thoroughly cleaned to remove loose dust, rust, foreign particles, laitance, oil and other contaminants.

APPLICATION INSTRUCTIONS

TIKIBOND PU is applied using a sausage gun on one of the two matting surfaces and then the two elements are joined together.

For some applications, it might be necessary to use a mechanical support until adhesive develops its strength.

CLEANING

Clean uncured adhesive and application tools using appropriate solvent. Cured adhesive can only be removed mechanically.

PROPERTIES

PROPERTY	METHOD	SPECIFICATION
Viscosity @25°C (Brookfield)	ASTM D2196	25000 to 35000 cP
Density @20°C	ASTM D1475 / DIN 53217 / ISO 2811	0.5 g/ml
Shore A Hardness	ASTM D2240 / DIN 53505 / ISO R868	>80
Tack Free Time @25°C & 55% R.H	-	Approx. 30 minutes
% Solids	-	100 %

SUPPLY

TIKIBOND PU is supplied in 600ml Aluminium foil sausage.

STORAGE

TIKIBOND PU must be stored under the shed & protected from extremes of temperature. Once opened, use as soon as possible.

SHELF LIFE

It has a shelf life of 12 months in the original packaging when stored in dry places and at temperatures of 5 to 25°C.

SAFETY PRECAUTIONS

As with all chemical products, care should be taken during use and storage of **TIKIBOND PU**.

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