



WOOD ADHESIVE 800 PU

TECHNICAL DATASHEET

Version: 2019-05-02

PRODUCT DESCRIPTION

Wood Adhesive 800 PU is solvent-free polyurethane adhesive that cures with moisture in air or in the material. The glue foams during curing which fills uneven surfaces and gives good penetration into materials with cell structure.

AREA OF USAGE

Wood Adhesive 800 PU is a one-component polyurethane adhesive for bonding of wood to wood, concrete, steel, aluminium etc. If the glue joints are constantly exposed to damp and moisture they must be protected with paint or varnish. Wood Glue PU 800 is not intended for load-bearing structures.

WORKING INSTRUCTION

The materials should be clean and free from oil and grease. Plain surfaces like glass-fibre-armed polyester, aluminium etc. should be grinded. Porous materials contribute to shorter curing times. Low relative humidity prolongs the curing time. The curing time can be decreased by pre-moistening of the materials. Apply adhesive on one surface and put the materials together and keep them fixed until curing has occurred. The curing time varies with the moisture in air and materials or with additional moisture and heat and can vary between 30 minutes and 24 hours.

SAFETY

The product is classified as dangerous. Use effective ventilation or breathing equipment type A2. Consider regulations regarding work with isocyanate. For further information, please see material safety data sheet.

CONTACT US

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TECHNICAL DATA

Properties before application	
Type	One-component adhesive
Bonding agents	Polyurethane
Consistency	65-95 p, Spindle 4/10 rpm, +20°C
Colour	Yellow-Brown
Density	1.25 g/cm ³
Dry solids content	100%
Consumption	about 100 g/m ²
Press time	about 2 hours at +20°C and 65% RH
Storage	At least 6 months in unopened package. Store dry and cool.
Lowest working temperature	+10°C
Means of application	Toothed spatula or stiff brush
Cleaning	Uncured adhesive - acetone. Cured adhesive has to be mechanically removed
Properties after application	
Colour	Brown-yellow
Growth in strength	Final strength within 7 days at +18°C and relative humidity (RH) of 60%
Shearing strength	>10N/mm ²
Resistance to moisture	D4 according to DIN 68602/68603

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