PVAC WOOD ADHESIVE D3

HIGH-QUALITY, WATER RESISTANT (EN 204 D3) WHITE WOOD ADHESIVE

PRODUCT DESCRIPTION

High quality, water resistant (EN 204 D3) white wood glue for indoor and outdoor use. Dries transparent. Stronger than wood. For bonding and laminating of practically all hard, soft and exotic types of wood.

FIELD OF APPLICATION

For the water resistant joining and laminating of practically all hard, soft and exotic woods. Suitable for well-fitting, non-load bearing wooden structures using, for example, finger joints, dovetail joints, mortise and tenon joints, dowels and springs. Suitable for indoor and outdoor applications, especially for glue joints that demand water resistance. For surface bonding wood, hard and softboard, chipboard, multiplex plywood, MDF, paper, cardboard and hardboard. Also suitable for laminating veneer and hard plastic sheet (HPL, Formica, Duropal, Resopal) on a wooden surface. D3: Interior spaces in which passing water, condensation and / or heavy stress due to increased relative humidity occurs frequently for a short time. Exteriors not exposed to weather influences.

PROPERTIES

· Water resistant (EN 204 D3)
· Stronger than wood
· Ideal for internal and external applications
· Transparent when dry
· Paintable
· Solvent-free

CERTIFICATES & STANDARDS

Standards	
EN 204 D3	EN 204: Classification of thermoplastic wood adhesives for non-structural applications: D3

PREPARATION

Working Conditions: The ambient temperature, the adhesive and the materials to be bonded should be no less than +5 °C. Relative humidity of up to 65 %. Level of wood humidity between 8 % and 12 %.
Surface Requirements: The surfaces to be bonded need to be clean, dry and free of dust. Ensure a well-fitting joint.
Preliminary Surface Treatment: Greasy wood types should be degreased.
Tools: Fine-toothed glue spreader (1 mm), brush or roller, clamp or press.

APPLICATION

Coverage: 2-4 m^2/kg, applied on both sides, depending on the nature of the materials.
Directions for use:
Apply the adhesive with a brush or some other tool in an even and thin layer on one or both parts. Let penetrate for a few minutes, the assemble the parts and clamp or press for 30-60 minutes. The desired pressure is 2-5 kg/cm^2.
Stains/residue: Remove adhesive residues immediately with water. Dry adhesive residue can only be removed mechanically.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.

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TECHNICAL SPECIFICATIONS

Chemical base:	Polyvinyl acetate dispersion
Colour:	White
Colour after curing/drying:	Transparent
Density approx.:	1.1 g/cm^3
Dilute:	Dilute only with water.
Filling capacity:	Nil
Minimum temperature resistance:	-20 °C
Maximum temperature resistance:	60 °C
Moisture resistance:	Good
Open time approx.:	8 minutes
Paintability:	Good
pH-value approx.:	3
Pressure:	5-10 kg/cm^2
Solid matter approx.:	50 %
Time to press (+20°C):	15 minutes (more in case of tension)
Viscosity:	Liquid
Viscosity approx.:	13000 mPa·s
Water resistance:	Good
White point approx.:	3 °C

STORAGE CONDITIONS

Close container properly and store in a dry, cool and frost-free place.

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