WOOD ADHESIVE PVAC VB20 (D3)

WATER RESISTANT PVAC WOOD ADHESIVE



PRODUCT DESCRIPTION

Water resistant (EN 204 D3), white wood adhesive based on PVAC.

FIELD OF APPLICATION

For water-resistent (D3) joining and laminating of practically all soft, hard and exotic types of wood. Suitable for well-fitting, non-load bearing wooden structures using various wood joints such as finger joints, dovetail joints, mortise and tenon joints, dowels and springs. Suitable for indoor and outdoor applications (outdoor areas not exposed to weather influences), such as windows, doors and furniture in, for example, living rooms, offices, kitchens and bathrooms. 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

· For internal and external use (EN 204 D3)
· Water resistant
· Transparent when dry
· Solvent-free
· Paintable

CERTIFICATES & STANDARDS

Certificates	
KOMO®	KOMO: Adhesives for non-bearing applications. Certificate 32394 (EN 204: D3 Class).

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 not be less than +5°C. Relative humidity of up to 65%. Level of wood humidity between 8% and 12%.
Surface Requirements: Surfaces must be clean, dust and grease-free and a good fit.
Preliminary Surface Treatment: Degrease oily types of wood with an appropriate cleaner.
Tools: Fine-toothed adhesive spreader (1 mm), brush, roller or adhesive injection equipment, clamps or press.

APPLICATION

Coverage: 5-7 m²/kg, applied on both sides, depending on the nature of the materials.
Directions for use:
Apply the adhesive thinly and evenly on one or both parts using a fine-toothed adhesive spreader (1 mm), brush, roller or pneumatic adhesive injection equipment. Allow the adhesive to soak in for a couple of minutes. Assemble joint within 8 minutes then clamp or press.
Stains/residue: Remove adhesive residues immediately with water. Dry adhesive residue can only be removed mechanically.
Points of attention: Avoid corrosion on metal parts (e.g. pump or machinery components). Use only acid resistant components with mechanical processing.

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

Shelf life: At least 36 months after production.
Store in properly sealed packaging in a dry place at between +10°C and +20°C.
Limited shelf life after opening.

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