



Product Technical Data Sheet – Premium PVA Wood Glue

Effective Date: 1st December 2022

Characteristics

Premium PVA Wood Glue is an aqueous copolymer dispersion adhesive with crosslinking properties based on vinyl acetate.

It contains butyl diglycol acetate as an internal coalescent agent to reduce the minimum film forming temperature.

Uses

Premium PVA Wood Glue has been developed as a high performance all-round D3 water-resistant adhesive for use in the production of furniture, wood based flooring and for woodworking and joinery applications. It is not only an excellent general assembly adhesive but is ideal for HPL laminating and veneering.

Why Premium PVA Wood Glue?

Yields EN 204 D3 water-proof bonds with outstanding water resistance.

Shows a decrease in viscosity upon shear. This property may be advantageous on fast running application systems.

Guidelines for Preservation and Storage

This adhesive has a minimum shelf life of 6 months if stored in its original unopened packaging, provided the product is stored hygienically at temperatures between 5 and 35 °C, avoiding frost and direct sunlight.

Product Safety, Regulatory Status and Environmental Protection

Please read this information in conjunction with the material safety data sheet available on request.

Chemical Properties:

Supply Specification	Adjusted Standard*	Unit	Value
Solids content (110 °C; 60 min)	ISO 3251	%	44 – 46
Brookfield viscosity (25 °C; 5/20)	ISO 2555	mPa·s	12000 – 18000
pH value (neat)	ISO 976		2.8 – 3.4
Further Typical Properties	Adjusted Standard*	Unit	Value
Minimum film forming temperature	ISO 2115	°C	approx. 5
Glass transition temperature	ISO 16805	°C	approx. 25
* Further details regarding the test method can be made available on request.			

The statements made in this data sheet are based on experience in the field and the result of very careful laboratory evaluations by trained and qualified staff employing British Standard and similar test methods. No guarantee can be made, however, as regards specific applications as conditions and substrates etc are different for each individual case. Full production trials and end-use testing should be undertaken to properly evaluate any adhesive under specific use conditions.

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