

Makrovil PVA 1025

- ♦ Aqueous solution of a low molecular polyvinyl alcohol

Fields of Application: **Adhesives, Architectural Coatings, Wood Finishing, Artist's Colours**

- ♦ Cobinder for base coatings and fillers on fiberboard
- ♦ Cobinder for emulsion paints and adhesives
- ♦ Binder for Artist's colours (i.e. finger paints)

Characteristics:

- ♦ excellent flow behaviour
- ♦ turbid film
- ♦ very good transfer
- ♦ excellent pigment binding power
- ♦ very good solvent resistance

Appearance	:	nearly colourless, turbid solution
Solid Contents * (DIN EN ISO 3251)	:	24 – 26 %
Viscosity * at 25°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=18.23 s ⁻¹)	:	5200 - 6000 mPa·s directly after the production
pH Value * (DIN ISO 976)	:	5.5 – 7.5
Glass Temperature (DSC) (DIN 51007)	:	appr. + 81°C
Ionicity	:	nonionic
Freeze/Thaw Stability	:	stable
2020-08-26		
* Specification value listed in our certificate of analysis		

please turn

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Remarks:

Makrovil PVA 1025 is not compatible with various salts. For example alums, borates, sulfates or sodium carbonate react with polyvinyl alcohol by precipitating or gelling.

Using Makrovil PVA 1025 the open time of different water-based systems (i.e. adhesives) can be increased. Makrovil PVA 1025 may also be used to improve rheology, freeze/thaw stability, solvent resistance and stability of the systems.

Used in emulsion paints Makrovil PVA 1025 provides higher water retention value, better rheology, longer open time and better stability.

The transfer and the solvent resistance of base coatings and fillers on fiberboard may be improved by using Makrovil PVA 1025.

Makrovil PVA 1025 may increase the open time, the stability and the freeze/thaw stability of glues and adhesives.

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