

# Makrovil PVA 0530

- ◆ Aqueous solution of a low molecular polyvinyl alcohol

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

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

**Characteristics:**

- ◆ excellent flow behaviour
- ◆ turbid film
- ◆ very good transfer

<b>Appearance</b>	:	turbid solution	
<b>Solid Contents</b> * (DIN EN ISO 3251)	:	29 – 31 %	
<b>Viscosity</b> * at 25°C (DIN 53019-1) (Anton Paar RheolabQC; MS: CC27; D=18.23 s <sup>-1</sup> )	:	1200 - 4000 mPa·s directly after the production	I
<b>pH Value</b> (DIN ISO 976)	:	5.5 – 7.5	
<b>Glass Temperature (DSC)</b> (DIN 51007)	:	appr. + 69°C	
<b>Ionicity</b>	:	nonionic	
<b>Freeze/Thaw Stability</b>	:	stable	
			2020-08-26
* Specification value listed in our certificate of analysis			

**please turn**

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## Remarks:

Makrovil PVA 0530 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 0530 the open time of different water-based systems (i.e. adhesives) can be increased. Makrovil PVA 0530 may also be used to improve rheology, freeze/thaw stability, solvent resistance and stability of the systems.

Used in emulsion paints Makrovil PVA 0530 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 0530.

Makrovil PVA 0530 may increase the open time, the stability and the freeze/thaw stability of glues and adhesives.

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