

# Tovcol S/E

## Polyvinyl acetate wood adhesive with high water resistance for industrial pressure assembly

Polyvinyl acetate-based adhesive in water dispersion for gluing wooden elements or wood-based panels. The bondings made with Tovcol S/E obtain class D3 of water resistance according to the EN 204 standard. The bondings are also heat resistant according to WATT 91 – EN 14257 and have a high resistance to creep according to the EN 14256 standard. Tovcol S/E is indicated in the manufacture of fixtures, sandwich panels, pre-finished parquet and for all creations where high resistance to humidity is required, even outdoors. Tovcol S/E can also be used with cold or hot pressing systems for the assembly of multilayer or blockboard panels. After hardening, bonding with Tovcol S/E is transparent.

### Technical data at 20 °C e 60% r.h.

Appearance	White paste
Density	1,1 kg/litre
Solid content	52,00 ± 1%
Viscosity	15000 ± 3000 mPas
pH	3,0 ± 0,2
Freeze/thaw resistance	> 5 cycles (UNI8490-14)
Water resistance according to EN 204	D3
Consumption	About 150 g/m <sup>2</sup> on both sides of the bond
Open time	10 minutes
Pressing time	1 – 2 hours a 20 °C 20 – 30 minutes a 70 °C
Complete hardening	48 hours
Tools cleaning	Immediately after use with water
Storage	12 months in original sealed packaging at temperatures > 10 °C
Packages available	Buckets of 1; 5; 10kg

### How to use

The pieces to be glued must be clean and free of dust or loose parts. Apply 150 g/m<sup>2</sup> of glue on both sides of the bond and press the pieces with a pressure of 0.5 – 1 N/m<sup>2</sup>. The pressing times vary according to the temperature, approximately 1 – 2 hours at 20 °C; 20 – 30 minutes at 70 °C. High frequency gluing is possible.

### Notes

In hot or high frequency gluing, colour variations of the glue line may occur which, in the case of light woods the colour variation may be visible.

Any modification of the product that involves a change in pH can compromise the durability class D3.

### Safety rules

Product for professional use. Strictly comply with what is stated on the labelling and consult the safety data sheet before using the product.

### Disposing of waste

Dispose of the unused product and empty packaging in accordance with the provisions of the local legislation in force.



Adhesives  
& Sealants

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### Certifications



The recommendations in this technical data sheet are given for information only and do not bind our responsibility in any way since the methods and conditions of use of the product are beyond our control. We recommend checking the actual suitability for the intended use.

Rev 02 – 01/06/2022. This technical data sheet replaces the previous one.