

# TOVCOL MS START

## MONO-COMPONENT SILANE ADHESIVE – MS POLYMER

Mono-component adhesive based on silane polymers for elastic bonding of wooden floors. It is water and solvent free, it does not contain epoxy resins nor isocyanate.

It is suitable for engineered wood floorings of any species and dimensions. It is also suitable for solid wood up to 140 mm width on any type of absorbent and non absorbent sub-floors.

Thanks to its elasticity, it is particularly recommended on under-floor heating and cooling systems; it does not swell and has got good sound proofing properties.



Easy to use, high yield, no waste, easy to clean from hands and prefinished parquet, Tovcol MS Start has no symbol of risk and a very low VOC content.



### Technical data

<b>Physical characteristics (20°C – 60% R.H.)</b>			
Aspect	Thixotropic paste	Viscosity (Brookfield spindle 7 - 50 rpm)	35.000 mPa.s
Density	1,7 g/cm <sup>3</sup>		
<b>Times (20°C – 60% R.H.)</b>			
Opening time	40-60 min	Light traffic	6-10 hours
Hardening time	8-10 hours	Sanding	2-3 days
<b>Technical characteristics (20°C – 60% R.H.)</b>			
Yield (spatula 8 mm)	700 - 1200 g/m <sup>2</sup>	Water resistance	excellent
Shear strength (UNI EN 14293)	1,2 N/mm <sup>2</sup>	Shear elongation factor (UNI EN 14293)	> 2
Chemical resistance	excellent	Application temperature	> + 10°C
<b>Storage and Labelling</b>			
Shelf-life in original unopened packaging at ambient temperature in a fresh and dry space	12 months	Symbol of risk	None
<b>Tools cleaning</b>	Solvente S/23, when hardened it can be removed only mechanically		
<b>Packaging:</b>	Bucket of 15 kg		
<b>Colour:</b>	Light woods		

### Application

#### Sub-floors.

Sub-floors must be even, resistant to compression and traction, without dust, grease and detaching elements. Residues of varnishes or waxes must be removed.

The moisture quantity for concrete sub-floors must be less than 2%; if anhydride or gypsum sub-floors are concerned, the moisture quantity must be less than 0,5%. One must be sure that there is no moisture raising.

Uneven cement sub-floors, old marble, ceramic tile floors must be levelled accordingly.

Existing fissures and cracks on concrete sub-floors must be repaired with synthetic mortars



**REV.1 15-10-2014.** Current Technical Data Sheet replaces the previous one.