

Tovcol MS

MS polymer adhesive

Single-pack ready to use silane based moisture curing adhesive; odourless, water and solvent free. Suitable for the elastic bonding of engineered wood floors of any size and for small and medium dimensions of solid wood. The adhesive can be used on any absorbent concrete and anhydride screed, pre-existing non absorbent floors like ceramic tiles, marble and metallic supports. Particularly recommended on under heating, it has a good soundproofing effect.

The lack of solvent, epoxy resins, isocyanate and the very low VOC concentration guarantee a very high security level for the installer and final user. Tovcol MS has got the German DIBt Certification.

Technical data at 20 °C, 60% r.u.

Aspect	Dense Paste
Density	1,7 kg/l
Viscosity	45000 mPas – Brookfield, spindle 7, 50 giri/min
Open Time	40 – 60 minutes
Blocking Time	6 – 8 hours
Light traffic	6 – 8 hours
Sanding	2 – 3 days
Yield	700 – 1200 g/m ² – 8 mm trowel
Shear strenght	1,8 N/mm ² according to UNI EN 14293 – Elastic glue
Application temperature	From + 10 °C to + 35 °C
Storage	12 in original packaging at temp. > 10 °C
Tools cleaning	Diluyente S/23, if hardened only mechanically
Pulizia residui di colla da parquet prefinito	If still fresh with Stripcoll – once dry easily mechanically
Packaging	15 kg. buckets - 15 kg. buckets with 2 aluminium bags 7,5 kg.
Colours available	Light wood, dark wood

Subfloor preparation

Before laying the floor check that the rooms have window frames suitable for a wood floor installation.

Concrete screeds must be even, resistant to compression and traction, free from dust and detachable parts, not too rough and absorbent. Greasy residues, previous adhesives or other treatments must be removed. The residual moisture must be less than 2%. If moisture is high (max. 5%) it is necessary to treat the surface with DPM primers like Primer PU-100, Adeblok T19, Toverfix or Primer PU-Fix 60. On still fresh primer it is compulsory to spread dry sand.

Cracks and fissures must be repaired using synthetic mortars made with primer Adeblok T19 mixed with Quarzo Puro (sand) or Primer PU-100 with Quarzo Puro.

Uneven concrete screeds must be levelled with a suitable self-levelling compound like Rockfloor F10 or with synthetic mortars composed of Adeblok T19 mixed with Quarzo Puro.

Poor, friable and not compact subfloors must be consolidated on the surface with a primer like Primer PU-100, Adeblok T19, Toverfix or Primer PU-Fix 60 or deeply, if necessary, with Primer TS. Spread dry sand over still fresh primer.

Anhydride subfloors must be sanded, cleaned with a vacuum cleaner and if too dusty, treated with an antidust primer like Nano-fix. The maximum moisture content for a correct laying for gypsum and anhydride screeds is 0,5%.



Adhesives

Tovcol MS

Certifications



Tover S.r.l.

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Heating sub-floors can be consolidated, if necessary, using Primer TS or other solvent free primers like Primer PU-100 or Adeblok T19 before switching the heating system on. Maximum residual humidity must be less than 1,7% and in any case moisture can be removed switching on the heating system. No water-proofing treatment can be done. Always spread dry sand over still fresh primers.

Existing subfloors in ceramic tiles, sandstone, marble or similar materials must be scratched and well degreased. In case of high moisture (up to 5%) they must be treated with the water-proofing three-component primer Idroblok C3. Spread dry sand over still fresh primer.

If subfloors are in extremely bad conditions moisture content is too high, their removal may be necessary.

Wood floor bonding

Apply the adhesive with Tover Nr. 6 notched trowel (8 mm teeth) on the already prepared subfloor and lay the wood boards with a light pressure to promote a complete and uniform contact with the adhesive.

For an optimum laying we suggest to apply a quantity of adhesive superior to 60-70% of the whole surface; temperature must not be inferior to 10°C and relative humidity not superior to 80%.

The still fresh adhesive can be totally and easily removed from hands and prefinished floors, using Stripcoll solvent or Tovclean wipes. Once dry the elimination of residues from the surface can be easily done in a mechanically.

Notes

Do not use the adhesive for outdoor bonding.

Do not exceed in the quantity applied.

Before laying it is compulsory to measure the moisture content of the surface and wood.

Tovcol Ms is not suitable for bonding of floors having a lacquered or treated backing or for bonding plastic materials like PVC, PE or similar.

Do not bond on screeds treated with aceto-vinyl primers.

Leave a space of 1 cm all around the walls in order to enable wood dilatation.

The unused product can be used lately if the package is well closed and stored in a fresh and dry place.

Safety rules

For professional use only. Strictly respect the information reported on the labels and consult the safety data sheet before using the product.

Waste disposal

Dispose not used products and empty containers in accordance to local in force regulations.

The information contained in this technical data sheet are for guidance only and they do not hold our responsibility. Adapt the use of our products to the environmental conditions and materials to be treated.

Rev 06 from 17-11-2017
Current Technical Data Sheet replaces the previous one.



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