

# TOVCOL T.A.

## TWO-COMPONENT EPOXY-POLYURETHANE ADHESIVE

A two-component epoxy-polyurethane adhesive waterfree, suitable for laying traditional or prefinished wooden floors on any kind of surfaces, also pre-existent non-absorbent ones (ceramic tiles, marble, etc.), or over underfloor heating systems. TOVCOL T.A. is easy to use and it guarantees good elasticity and long pot life.

### Technical datas

#### Chemical-Physical characteristics (20°C – 60% R.H.)

Comp A appearance	Dense paste	Specific gravity of mix	1,800 g/cm <sup>3</sup>
Comp B appearance	Colored liq. paste	Solvent content	< 3%

#### Mixing ratios & Times (20°C – 60% U.R.)

Mixing ratio A + B	90+10 in wt	Set to traffic	24 h
Pot life	2 h	Polishing	3 days
Adjustment time	6 h		

#### Technical characteristics (20°C – 60% U.R.)

Consumption (10 mm notched trowel)	1000-1500 gr/m <sup>2</sup>	Application temp.	> 10°C
Shear strenght (Rif. To norm 14293)	> 3,5 N/mm <sup>2</sup>		

#### Storage & Labeling

Storage (original unopened packaging stored in normal conditions)	12 months	Symbols of danger	Comp. A: Xi Comp. B: Xi
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**Cleaning tools** Just before use use alcohol or **SOLVENTE DI LAVAGGIO S/23**.

**Cleaning spots on prefinished wood** **STRIPCOLL**

<b>Packaging</b>	Buckets 4,5 Kg + 0,5 Kg	Buckets 9 Kg + 1 Kg
<b>Colours</b> The color is into B component	Light woods (YELLOW PLUG) Dark woods (BROWN PLUG)	

### Application

#### Subfloor.

Subfloors must be in plane, compact, free from dust, sand, lime and oil: all traces of previous old varnishes or wax have to be removed. The residual moisture content of a concrete substrate cannot exceed 2% in weight, while in case of anhydritic ones maximum allowed is 0,5%. If there is the risk of a rising damp, it is recommended to place a waterproof product (polyethylene) before placing the floor.

Not enough in plane subfloors have to be levelled with specific high resistance product. Any crack or fissure on the concrete surface must be repaired using synthetic mortars, obtained with primers like **ADEBLOK T19**, **PRIMER-PU100** or **TOVERFIX** mixed with sand (SABBIA VAGLIATA) or a specific cement based product.

Particularly smooth surfaces (ex. ceramic) must to be made rough (for example by mechanical action) and must to be carefully cleaned to remove in particular the greasy; then apply the specific adhesion promoter P.E.P.P. (see relative technical data sheet).

Not enough coherent or dusting concrete substrates have to be consolidated with one of the primers **PRIMER PU100**, **TOVERFIX**, **ADEBLOK T19** or **PRIMER TS**. In case of wet concrete substrates or in presence of residual moisture content use **PRIMER PU100**, **TOVERFIX**, **ADEBLOK T19** or **IDROBLOK C3** (see relative technical data sheets)

**TOVER**  
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Azienda  
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UNI EN ISO  
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### **Mixing and application.**

Pour B component into the buckets of the A component and mix carefully using an electrical mixer to obtain an homogeneous paste. Use a 10 mm notched trowel to apply the adhesive on the subfloor.

N.B. We advise to not wet the sides of the wooden strips using the same adhesive; this kind of operation does not allow the natural wood movements favouring cracking and fissuring in time. We recommend instead to wet shorter sides of the wooden strips using the specific vinyl adhesive **TOVCOL S** (see the relative technical data sheet); it show an excellent wood to wood adhesion so it permits to avoid the strips' sliding.

TOVCOL TA is completely water-free so it can be used to laying all the kind of wooden strip, also t/g types. In case of big sized strips it always advisable to distribute some weights on the surface for the first 12-24 hours.

### **Notes**

- ✓ Laying prefinished parquet, the exceeding leaked adhesive, still fresh, can be cleaned using the product STRIPCOLL
- ✓ Leave an approx. 1 cm gap on the perimeter to allow natural wood movements.
- ✓ To better and more practical hands cleaning we advise the employ of TOVCLEAN wet cloths.

### **Safety Rules**

FOR PROFESSIONAL USE ONLY. Strictly respect the informations reported on the labels and consult safety data sheets before use.

### **Disposing of waste**

Dispose not used product and empty containers in accordance of local in force regulations.

**WARNING:** The informations reported in present 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-5 07-04-2009** Current Technical Data Sheet replaces the previous one.