

TOVCOL PU

SINGLE-COMPONENT POLYURETHANE ELASTIC ADHESIVE

TOVCOL PU is a single-component moisture-hardening flexible and elastic adhesive. It can be applied on many different surfaces like concrete, brick, wood, marble and also on not adsorbent ones like ceramic, glass, treated plate. The product is suitable for laying prefinished or untreated strips and longstrips or for seal skirtingboards and thresholds. .

TOVCOL PU is suitable for indoor and outdoor application, it does not shrink and it has got high resistance to water and ageing. Thanks to its viscosity and its tixotropic nature it can be used also for vertical application, without employing temporary supports in case of not too heavy elements. **IT DOES NOT CONTAINS SILICONES** so it is overcoatable..



Technical datas

Chemical-Physical characteristics (20°C – 60% R.H.)			
Appearance	Tixotropic paste	Specific gravity	1,27 g/cm ³
Times (20°C – 60% U.R.)			
Skin formation	40 min	Walk on	12 - 24 hours
Hardening	3 mm in 24 hours	Sanding	3 days
Technical characteristics (20°C – 60% U.R.)			
Shear strenght	> 1,8 N/mm ²	Elongation at break	> 400%
Consumption of 310ml cartridge (5mm widht strips)	1 - 3 m ² (related to ribs distance)	Application temp	-40 a + 90 °C
Storage & Labeling			
Storage (original unopened packaging stored in normal conditions)	6 mounths	Symbols of danger	Xn
Cleaning tools	For still fresh adhesive use alcohol, when hard use SOLVENTE DI LAVAGGIO S/23		
Cleaning spot on prefinished	use the cleaner STRIPCOLL		
Packaging	310 ml cartridges	600 ml sausage	

Application

Subfloor.

TOVCOL PU can be employed on wide range of substrates, also in vertical, both absorbent like wood panels, concrete screeds, marble, ecc both not absorbent like ceramic, metallic plate, ecc provided well cleaned, degreased, compact, dry and dust free. Any trace of previous varnishes or wax must be removed.

In case of wood flooring the residual moisture content of a concrete screed cannot exceed 2% in weight, while in case of anhydritic ones maximum allowed is 0,5%. Take care that there is not the risk of rising damp.

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 using a specific cement based product. 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).

Application.

Apply TOVCOL PU using the specific gun and extrude ribs with diameter of approx. 5mm, in trasversal direction related to elements lenght. The distance between each rib



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Azienda
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must be related to the size of the elements to be layed, in any case among 2 and 6 inches.

Immediately after laying make some pression to promote optimal wetting and adhesion. In case of laying of three layer big sized wooden strips it is reccomende to distribute on the surfaces some weights during adhesive hardening.

Notes

- ✓ The use of TOVCOL PU does not exclude the employ of D2 or D3 vnyilic adhesives (**TOVCOL TP5**) for glueing the joint in floating lay.
- ✓ It is reccomended to not exceed in thickness for avoid waste or debording.
- ✓ Leave an approx. 1 cm gap on the perimeter to allow natural wood movements
- ✓ For an easier and better hand cleaning it is advised to use the specific damp clothes TOVCLEAN.

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 information 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-03 30-04-2009. Current Technical Data Sheet replaces the previous one.