

TOVCOL PU 2K

TWO COMPONENT POLYURETHANE ADHESIVE

Tovcol PU 2K is a polyurethane elastic adhesive suitable for laying of PVC, textile and rubber floorings, synthetic grass over concrete subfloors or on pre-existing non-absorbent ones (ceramic, marble...) and under-heating systems. Can be applied in internal and external.

It does not contain solvents, water and aromatic or aliphatic amines and is odorless. This adhesive is particularly recommended for users who are sensitive to epoxy based adhesives.



Technical data

Chemical-Physical characteristics (20°C – 60% R.H.)			
Comp. A appearance	Thick paste	Specific gravity (UNI EN 542)	1,7 g/cm ³
Comp. B appearance	Green Liquid	Solvent concentration	Zero VOC
Mixture viscosity (Brookfield nr. 750 rpm)	50000 mPa.s		

Mixing ratio & Times (20°C - 60% R.H.)			
Mixing ratio A + B	90+10 in weight	Light traffic	24 h
Pot life	40' - 60'	Set to traffic	4-5 days
Adjustment time	6 - 8 h	Dilution	Not permitted

Technical characteristics (20°C – 60% R.H.)			
Consumption	400 - 1300 gr./m ²	Application temperature	> 10°C < 35 °C
Elongation factor	> 2		

Storage & Labeling			
Storage (original unopened packaging stored in normal conditions)	12 months. Protect B comp. from freeze	Symbols of ranger	Comp. B: Xn

Tools cleaning	Immediately after use with Solvente di Lavaggio S/23.
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Packaging	Buckets 9 Kg + 1 Kg	
Colors	Green – Beige	

Application

Subfloor.

Subfloors must be in plane, compact, free from dust, sand, grease and oil: all residues of previous old varnishes or wax have to be removed. The residual moisture content of a concrete substrate must not exceed 2% in weight, while in case of anhydrite 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 laying the floor.

Uneven subfloors have to be levelled with specific high resistance products like Rockfloor F10 promoting the adhesion with Primer C4.

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 or a specific cement based product.



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Particularly smooth surfaces as ceramic must be scratched to become rough (for example by mechanical action) and must be carefully cleaned; then apply the specific adhesion promoter P.E.P.P. (see relative technical data sheet).

Poor and dusty concrete substrates have to be consolidated with one of the primers Primer PU100, Toverfix, Adeblok T19 or Primer TS. For superficial consolidation and anti dust action, water-based primer Nanofix can be used. 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).

Mixing and application.

Allow both canisters to become at room temperature. Pour B component into A component and mix carefully using an electrical mixer to obtain a homogeneous paste. Use a proper notched trowel (Tover nr. 2) to apply the adhesive on the subfloor. Lay the flooring on the still fresh adhesive and smooth the surface using a wooden spatula or a weighted roll, starting from the centre to the perimeter to improve the adhesion and prevent air bubbles.

Only apply as much adhesive as can be covered within the open time. Enough adhesive is to be applied to transfer onto the flooring back when placed into position and it must fill the gaps between the rolls (for synthetic grass).

Notes

- Always make a preliminary test of adhesion, due to the numerous typologies of floorings
- For outdoor installation during summer (high temperatures) lay during the fresher day periods
- Do not lay in rainy conditions
- Clean immediately adhesives excess with Solvente di lavaggio S/23

Safety Rules

FOR PROFESSIONAL USE ONLY. Strictly respect the information 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-1 07-10-2013. Current Technical Data Sheet replaces the previous one.