

# Tovcol T91

## Epoxy-polyurethane adhesive for resilient flooring

Two-component epoxy-polyurethane adhesive for bonding to the inside and outside of resilient rubber and PVC floors.

### Technical data – 20 °C, 60% R.H.

Appearance	Comp. A – Gray viscous paste Comp. B – Coloured paste
Available colours	Beige, black, red, green, blue (the colour is in comp B)
Mixing ratio	9:1
Mix density	1,575 kg/litre
Pot-life	90 minutes
Open time	90 minutes
Setting time	4 – 5 hours
Light traffic	12 hours with caution
Ready to walk on	48 hours
Yield	250 – 300 g/m <sup>2</sup> – TKB/A2 trowel 350 – 400 g/m <sup>2</sup> – TKB/B1 trowel
Application temperature	From + 15 to +35 °C
Tool cleaning	Immediately after use with Solvente di Lavaggio S/23
Storage	12 months in original sealed packaging
Packaging	9,9 + 1,1 kg buckets

### Application

**Subfloor preparation.** The subfloor must be even, resistant to compression and traction, free from dust and incoherent parts. Any residues of old paints, glues or waxes must be removed. The maximum acceptable humidity level is < 2.0% (1.7 % in case of under heating). On gypsum or anhydrite sub-floors the humidity must be less than 0.5% (0.2% in case of under heating). It is also essential to make sure that there is no rising damp. Uneven or insufficiently flat concrete subfloors, old marble floors, tiles, ceramic, must be levelled with a suitable product. Subfloors must be adequately insulated from rising damp with a suitable vapour barrier, except in the case of asphalt substrates. Any concrete superficial crack must be repaired with synthetic mortars obtainable with Adeblok T19 or Primer PU100 mixed with quartz with a grain size of 0.4 – 0.8 mm.

**Mix preparation and application.** Carefully mix the two components of Tovcol T91 with a mechanical drill until a homogeneous paste is obtained. Spread the adhesive with a suitable notched trowel, evenly and on a surface that can be covered within pot life, i.e. about 90 minutes.

The covering must be applied to the still fresh adhesive and then carefully massaged with a steel roller from the centre outwards, in order to allow a perfect contact between the covering and the subfloor, at the same time making any air bubble come out from the sides. After 2 – 3 hours roll the covering again. In the presence of rigid coverings it is advisable to load them with weights distributed evenly on the surface until it is firmly set. Once hardened, the adhesive becomes elastic and with excellent resistance to humidity, heat and atmospheric agents.



Adhesives  
& Sealants

## Tovcol T91



### Certifications



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## Notes

- Do not lay on fresh asphalt (wait at least 20 days).
- Do not use Tovcol T91 if you are unable to keep the covering perfectly adherent to the substrate until it sets.
- In the case of outdoor installations, it is recommended to work during the cooler time.
- Do not use Tovcol T91 for laying thin floors which can show adhesive scratches.
- Do not lay on bituminous surfaces where there is the possibility of oil exudation.
- Due to the variability of rubber types, it is recommended to check the degree of bonding on a small surface.
- The covering must be removed from its packaging a few hours before installation; it must be laid freely or at least loosened from the rolls to allow acclimatization and the reduction of tensions due to the packaging;
- Always follow the instructions of the coating manufacturer as well

## Safety rules

Product for professional use. Strictly respect what is stated in the labeling and consult the safety data sheets before using the product.

## Disposal

Dispose of unused product and empty packaging in accordance with the provisions of current legislation

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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 07 – 29/01/2025. Current Technical Data Sheet replaces the previous one.