

WAKOL D 3540 Cork Contact Adhesive

Technical Information

Area of application

Dispersion-based contact adhesive for laying cork parquet, waxed and pre-sealed cork tiles without coated backing, on absorbent and non-absorbent subfloors as well as on permanent, existing floor coverings indoors. For skirting boards as well as for laying carpets and PVC flooring on steps.

Special properties

- solvent free*
- high initial strength
- suitable for chair castors
- very low in emissions**
- immediately suitable for walking
- suitable for underfloor heating

* solvent-free according to the definition of the TRGS 610

** very low in emissions according to emission class EMICODE EC1

Technical data

Raw material base:	latex/acrylate dispersion
Cleaning agent:	water before adhesive dries
Method of application:	with velours roller on subfloor and backing
Consumption:	minimum 250 g/m ² for laying cork, otherwise 150-300 g/m ² depending on application method, subfloor and covering
Airing time:	approx. 30-45 minutes on absorbent subfloors; approx. 60-90 minutes on non-absorbent subfloors
Open time:	approx. 120-180 minutes; with pre-coating approx. 60-90 minutes
Storage temperature:	not below + 5° C, sensitive to frost
Storage time:	approx. 12 months at + 5° C to + 25° C
Giscode:	D1
Ecode:	EC1

Subfloors

The subfloor and the room climate conditions must satisfy the requirements of DIN 18365. Subfloors must be level, permanently dry, firm and free from cracks, dust, dirt and adhesion-inhibiting substances. Existing floor-coverings must be glued well and must have a smooth surface free from wax and care products.

For laying cork-materials with WAKOL D 3540 the subfloor must be smooth and level. Rough and unlevelled surfaces must be levelled with appropriated cement-based WAKOL levelling compounds, for example WAKOL Z 615 Levelling Compound. Respect the technical information of the primers and levelling compounds. Anhydrite, magnesite and stonewood floors as well as cast asphalt must always be levelled with a layer thickness of at least 2 mm.

Sanded compounds have to be primed with WAKOL D 3074 Primer Concentrate, diluted 1:3 with water. Before bonding, the primer has to be dried completely.

Usage

Stir adhesive well before use. Apply evenly and fully to subfloor and cork backing with a velour roller; avoid adhesive pools. Make sure that the applied amount is sufficient to form a complete film of adhesive. The surfaces must show a closed, evenly glossy film when the adhesive has dried.

As soon as both adhesive films are dry and completely transparent, lay down the cork tiles to fit and knock tightly with a rubber hammer. The laid tiles are immediately suitable for walking. Natural cork can be surface sealed after 24 hours.

Cork tiles can be pre-glued with WAKOL D 3540 or WAKOL D 3513 before laying. On the laying day the adhesive is simply applied to the subfloor and after ample waiting the pre-glued cork tiles are stuck in the contact method. The open time is reduced to 60-90 minutes in this case.

Important:

Do not use below + 15° C. During cold weather periods warm up floor covering and adhesive in due time.

For laying cork on walls use WAKOL D 951. For laying PVC-covered cork tiles use WAKOL D 3317 (absorbent subfloors only).

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience and refers to standardised conditions. The variety of materials used and the different construction site conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend making sufficient trials. Accompanying flooring manufacturer's instructions and the currently applicable codes must be observed. We gladly provide technical advice.

This Technical Information of 29.11.2005 supersedes all previous versions.