

WAKOL D 3540 Cork Flooring Adhesive

Product Data Sheet

Description

Solvent free, water based contact adhesive for the interior installation cork tiles on porous and non-porous subfloors, walls and to permanently adhered, non-cushioned, clean, existing floor coverings.

Special Features

- Solvent free
- Extra long working time
- Suitable for chair casters
- High initial strength
- Can be walked on immediately
- For radiant heated floors

Properties

Base:	Synthetic polymers and latex
VOC content:	none
Cleaning agent	Water before adhesive cures
Trowels and coverage:	Loba microfibre roller # 60-80 or #120
Coverages:	1 gal. covers 180 sq ft when covering both the tile and the floor
Climate conditions at work site:	60°F to 75°F, 40% to 65% relative humidity
Open time:	30 to 45 minutes, depending on climate conditions and absorbency of substrates, allow adhesive to dry until it is clear
Working time:	2 to 3 hours; when installing precoated tiles working time is reduced to 1 to 1,5 hours
Curing time:	Curing takes 24 hours, light traffic allowed immediately after installation
Shelf life:	1 year in unopened container at 70°F

Subfloors

All surfaces shall be dry, smooth and level. They must be structurally sound, solid, well fastened, clean and free from dust, oil, grease, paint, wax, old adhesive. Check for curing and parting compounds, surface hardeners and sealers which are known to interfere with the adhesive bond to concrete, as well as loosely bonded toppings, primers or any other deleterious substances that may prevent or reduce adhesion.

Prior to the installation check any subfloor properly according to NWFA guidelines.

Any irregularities of the subfloors may telegraph through the cork flooring; make sure the subfloor is evenly smooth and level.

New concrete:

New concrete floors should be constructed, finished and cured (minimum 30-60 days) in accordance with the American Concrete Institute (ACI) 302 "Guide for Concrete Floor and Slab Construction" (Class 2 or 4) with a minimum compressive strength of 3,500 PSI (246 kg/cm²).

Before starting installations on concrete subfloors, moisture test must be conducted. The Anhydrous Calcium KIT (calcium-chloride) has been designed to produce qualitative and quantitative results. Emission of moisture through the subfloor should not exceed 3 pounds / 1.000 sq.ft./ 24 hours (1,36 kg / 93 m² / 24 hours).

Alkali salts can be carried to the surface of concrete subfloors during curing or where excessive moisture conditions exist. These deposits can create adhesive bond failures. The suitability of the slab can be determined with the use of pH testing paper or sticks. It is suitable to install the flooring if the pH is under 10.

Wood subfloors / underlayments:

Preferred underlayments, such as plywood, particle board with 40 lb. per cu. Ft. density, and OSB (oriented strand board) should have the APA trademark and be recommended or guaranteed by the underlayment's manufacturer or the wood flooring's manufacturer. The subfloor over which the underlayment will be installed must be smooth, dry, properly fastened and free of joint swelling, warping or delamination, multiply and tectply underlayments have been approved as is APA – AC/BC EXTERIOR.

Other subfloors:

Existing cement terrazzo and ceramic tiles must have full adhesion to the subfloor. Remove all residues of maintenance agents and other materials that may deteriorate a good adhesion.

Prime any non porous subfloors with primer WAKOL D 3073 and level with a high quality cement based underlayment, in a minimum thickness of 3/32".

Walls:

An even surface is necessary, plaster must be leveled with fine, high quality wall filler. To bond dust, use WAKOL D 3073 Universal Primer diluted 1:2 with water. Minimum drying time of 24 hours is needed.

Application

Stir adhesive well before use.

Spread adhesive evenly and uniformly on the back of the tile and the subfloor using the recommended roller. The tiles can be coated and allowed to dry in advance (maximum 24 hrs. before installation), however the substrate must be coated at the time of installation. Be sure, that tiles and subfloor are completely covered. Allow to dry until the adhesive is clear, dry to the touch and slightly glossy. If you are unsure about the coverage a second coat may be applied once the first coat is dry.

Set tile carefully in place and use a rubber mallet to secure the tile into the adhesive. Install tiles within 3 hours after the floor is coated; tiles covered in advance must be installed within 1 hour. If installation will take more time, an additional coat of adhesive can be applied over the first coat.

Clean tools and equipments with water before adhesive cures.

General Information

Do not use adhesive below grade with excessive moisture or hydrostatic pressure. Acclimatize materials during cold periods properly.

Do not use WAKOL D 3540 for vinyl cork flooring.

Disclaimer

The responsibility of the suitability of the adhesive for each individual case cannot be assumed, as the manufacturer has no influence on the proper application of the adhesives by the installer and or contractor. The directions for use were established on the basis of research, experience and tests believed reliable. Any liability on the part of the seller cannot be derived therefrom, verbal information is subject to written confirmation.