WAKOL MS 260 Wood Flooring Adhesive, firm-flexible

Product Data Sheet

Description

Hard flexible, premium 1-component adhesive for the interior installation of wood floorings, such as solid strip, plank, finger parquet, engineered wood plank and laminate.

Special Features

- Solvent free
- High tensile strength
- Superior Young's modulus
- Good sound reduction properties
- Very low emission
- Long working time
- Connected systems

Properties

Base:	MS polymers
VOC content:	none
Cleaning agent	Mineral spirits before adhesive cures
Open time:	none, no waiting time required
Working time:	approx. 60 minutes
Trowels and coverage:	finger parquet trowel WAKOL B3 coverage approx. 65 - 70 sq ft / gal
	Solid strips trowel WAKOL B3 or WAKOL B5 coverage approx. 60 – 65 sq ft / gal.
	Plank, engineered wood plank and laminate trowel WAKOL B5 or WAKOL B11 coverage approx. 50 – 60 sq ft / gal.
	Adhesive transfer to wood floor backing min. 90%
Climate conditions at work site:	60 °F to 75 °F, 40% to 65% relative humidity
Curing time:	Curing takes approximately 24 hours depending on room climate on job site

Shelf life: 1 year in unopened container at 70°F, freeze thaw stable

Connected systems:

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.

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 tecply 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.

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Application

Spread adhesive evenly and uniformly using the recommended trowel. Lay wood flooring into wet adhesive and press firmly. Occasionally lift a piece of wood flooring to assure an adhesive transfer of minimum 90%.

No traffic on installed areas allowed within first 6 to 8 hours. Full traffic allowed after complete curing of the adhesive (24 to 48 hours depending on room temperature).

Provide for expansion and control joints.

Clean tools and equipments with mineral spirits before adhesive cures. Ensure that the finished surface of the flooring is not harmed. Adhesive is extremely difficult to remove once cured.

Trowel WAKOL B 3

Trowel WAKOL B 5

Trowel WAKOL B 11

General Information

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

If a primer is needed prior to the installation with WAKOL MS 260 use WAKOL PU 235 or WAKOL PU 280 exclusively.

When applied according to our recommendations the WAKOL PU 280 und WAKOL MS 260 system meets or exceeds the requirements of both the Uniform Building Code and International Building Code. Check your local regulations for their specific sound reduction requirements prior to application.

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.

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