

# WAKOL MS 262 Wood Flooring Adhesive, firm-flexible

## Product Data Sheet

### Description

Firm-flexible 1-component adhesive in a sausage bag for the following application methods and wood floor coverings.

Application in conjunction with WAKOLTS 160 Sound Dampening Mat or WAKOL TS 170 Sound Dampening Sheet

- 3/4" solid wood planks up to 8" wide
- Bamboo flooring, strand-woven or engineered up to 8" wide
- Engineered wood plank over 3" wide

Bead and trowel application

- 3/4" solid wood planks up to 8" wide
- Bamboo flooring, strand-woven or engineered up to 8" wide
- Engineered wood plank

Glue assist nail down application

- WAKOL MS 262 Wood Flooring Adhesive, firm-flexible can also be used for glue assisted nail down installations with no dimensional limitations to the wood flooring.

### Special Features





- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS R: very low in emissions
- 2) Meets Indoor Air Emissions criteria of: California Section 01350, CHPS, Indoor Advantage Gold™, FloorScore
- 3) LEED credits under 4.1
- 4) Tested Product system with Loba coatings, with system guarantee
- 5) Meets criteria of Californian South Coast Air Quality Management District, rule 1168
- 6) Meets criteria of Bay Area Air Quality Management District

- Zero VOC
- Solvent free, water free
- High bond strength
- Easy to apply

## Properties

Base:	Modified Silane Polymer
VOC content:	0g/l, US regulatory
E-Modulus:	232 psi (1.6 N/mm <sup>2</sup> ) @ 25 % elongation
Flash time:	None, no waiting required
Working time:	Approx. 40 minutes
Curing time:	Light foot traffic after 6 to 8 hours Full traffic after 24 to 48 hours depending on room climate on job site
Cleaning agent:	WAKOL RT 5960 Cleaning Towels before adhesive it cured. Cured adhesive can be easily removed manually

## Application and coverage<sup>7)</sup>

	Wakol Trowel smooth subfloor	Wakol Trowel rough subfloor	Coverage
3/4" Solid wood plank or engineered	V-shaped sized nozzle in beads		up to 9 sq. ft. / sausage bag
3/4" Solid wood plank or engineered	V-shaped sized nozzle in cut outs of WAKOL TS 160 Sound Dampening Mat or WAKOL TS 170 Sound Dampening Sheet		up to 13 sq. ft. / sausage bag
	Wakol Trowel smooth subfloor	Wakol Trowel rough subfloor	Wakol Trowel smooth subfloor
Engineered wood	<b>WAKOL B5</b>  3/16" by 1/2" by 1/4" V-notch	<b>WAKOL B13</b>  1/4" by 1/2" by 1/4" V-notch	up to 12 sq. ft. / sausage bag.

7) Coverage is dependent on surface structure and absorability of subfloor

Adhesive transfer to floor backing minimum 90 %.

## Subfloors

All surfaces must meet the NWFA Guidelines, they must be permanently dry, smooth and level. They must be structurally sound, solid, well fastened, clean and free from dust, oil, grease, paint, wax, old adhesive. Remove any 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 substances that may prevent or reduce adhesion.

#### New concrete:

New concrete floors must 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/cm<sup>2</sup>).

Before starting installations on concrete subfloors, moisture test must be conducted. Emission of moisture through the subfloor should not exceed 3 pounds / 1.000 sq. ft. / 24 hours (ASMT F 1869) or 75 % RH (ASTM F 2170-02).

The installation of bamboo products over concrete requires two coats of WAKOL PU 280 Moisture Barrier regardless of the moisture content of the concrete.

#### Wood subfloors / underlayments:

OSB, plywood, particle board and wooden planks which are approved from the manufacture as underlayment for wood floor installation.

#### Terrazzo and ceramic tiles:

Existing terrazzo and ceramic tiles must have full adhesion to the subfloor. Remove all residues of maintenance products and other materials that may inhibit a good adhesion. Abrade subfloor with grid 40 or 60 to ensure a mechanical bond.

### **Application**

Place a sausage bag of WAKOL MS 262 Wood Flooring Adhesive, firm-flexible in the WAKOL Applicator, adjust the V-shaped sized nozzle with the point of the "V" up and start applying adhesive in regular beads 2' - 4' apart or - if you are installing wood flooring on top of WAKOL TS 160 Sound Dampening Mat or WAKOL TS 170 Sound Dampening Sheet - fill the cut outs of the underlay with WAKOL MS 262 Wood Flooring Adhesive, firm-flexible lay wood flooring into wet adhesive and press firmly. Alternatively for working with a trowel, cut off the sausage and press out the adhesive.

Occasionally lift a piece of wood flooring to assure an optimal adhesive transfer.

Provide for expansion and control joints.

Clean tools and equipment with WAKOL RT 5960 Cleaning Towels before adhesive is cured. Cured adhesive can be easily removed manually.

### **Important Information**

Jobsite conditions must meet NWFA Guidelines. Doors and windows must be installed and the HVAC running. Climate conditions should be 60 °F to 75 °F / 15 °C to 24 °C, 40 % to 75 % relative humidity to simulate "normal living conditions". Acclimate materials no less than 24 hours prior to application.

If a primer is needed prior to the installation with WAKOL MS 262 Wood Flooring Adhesive, firm-flexible use WAKOL PU 280 Moisture Barrier exclusively.

Adhesive can be used above grade, on grade and below grade. Do not use adhesive on subfloors with excessive moisture and hydrostatic pressure. For concrete substrates with excessive moisture use WAKOL PU 280 Moisture Barrier.

## 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 from verbal information and is subject to written confirmation.

The latest version of this product data sheets can be found at [www.wakol-usa.com](http://www.wakol-usa.com).

This Technical Information of 09/14/2017 supersedes all previous versions.