

# WAKOL MS 550 Resilient and Rubber Flooring Adhesive

## Product Data Sheet

### Description

One component adhesive for the installation of

- homogeneous and heterogeneous PVC-flooring in sheets and tiles
- luxury vinyl tile floor in planks and tiles
- solid vinyl plank or tile per ASTM F 1700 13a
- rubber flooring
- outdoor floorings

on absorbent and non-absorbent subfloors indoors and outdoors.

### 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) Meets criteria of Californian South Coast Air Quality Management District, rule 1168
- 5) Meets criteria of Bay Area Air Quality Management District

- can be used directly on top of PU 280 Moisture Barrier
- waterproof
- suitable for chair casters
- suitable for heavy loads
- approved for radiant heated floors
- zero VOC

### Properties




Base:	Modified Silane Polymer
VOC content:	0g/l, US regulatory
Flash time:	0 - approx. 20 minutes, depending on the flooring
Working time:	approx. 35 minutes

Curing time: Light foot traffic after 12 hours  
Full traffic after 24 to 48 hours  
depending on room climate on job site

Cleaning agent WAKOL RT 5960 Cleaning Towels before adhesive is cured

Shelf life: 1 year in unopened container at 70 °F / 21 °C, freeze thaw stable

Application and coverage<sup>6)</sup>

	Wakol Trowel	Generic alternative	Coverage
Rubber flooring, PVC-flooring, Luxury Vinyl Tile flooring	WAKOL A1  3/64" by 1/16" by 1/64" V-Notch		up to 260 sq. ft. / gal.
Rubber flooring, PVC-flooring, Luxury Vinyl Tile flooring	WAKOL A2  1/16" by 1/16" by 1/16" V-Notch	1/16"by 1/16" by 1/16" V-Notch	up to 160 sq. ft. / gal.
Rubber and PVC-flooring with a structured back	WAKOL B1  5/64" by 3/32" by 7/64" V-Notch	3/32"by 3/32" by 3/32" V-Notch	up to 135 sq. ft. / gal..

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

**Subfloor**

All surfaces must meet the RFCI Guidelines, they must be permanently dry, smooth, absorbent 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

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).

Wood subfloors / underlayments

OSB, plywood, particle board and wooden planks which are approved from the manufacturer as underlayment for resilient flooring 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.

### Levelling compounds

Rough surfaces must be treated with WAKOL Z 615 Levelling Compound, dust-reduced. Please check Product Data Sheet for Details. Alternatively WAKOL MS 550 Resilient and Rubber Flooring Adhesive can be used over other levelling compounds which are recommended for resilient flooring by the manufacture.

### WAKOL PU 280 Moisture Barrier

For installing flooring with WAKOL MS 550 Resilient and Rubber Flooring Adhesive on top of a Wakol Moisture Barrier, please notice that all unevenness of the subfloor will telegraph through the flooring.

## **Application**

Spread adhesive evenly and uniformly using the recommended trowel. Install flooring within the working time into wet adhesive and press firmly. Ensure an adhesive transfer of minimum 90 %. Roll rubber flooring again after approx. 1 hours.

On non absorbent subfloors, a minimum of 50% relative humidity is needed. Alternative use WAKOL Z 615 Levelling Compound, dust-reduced to prepare the subfloor. Spread adhesive with the recommended trowel on the subfloor, use an airing time of approx. 20 minutes. Please contact our technical support.

To reduce knee effects on the fresh adhesive during the installation of roll flooring, an airing time of 10 to 20 minutes is recommended.

Do not walk on freshly laid surfaces for the first 12 hours.

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

## **Important Information**

Jobsite conditions must meet RFCI Guidelines. Doors and windows must be installed and the HVAC running to simulate the living environment climate conditions at work site: 60 °F to 75 °F / 15 °C to 24 °C, 40 % to 75 % relative humidity. Acclimatize materials during cold periods properly.

Adhesive can be used above grade, on grade and below grade. Do not use adhesive on subfloors with excessive moisture and hydrostatic pressure.

## 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.

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 02/23/2016 supersedes all previous versions.