

Technical Data Sheet
WAKOL D 3320 Resilient Adhesive

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- Can be used as wet set or pressure sensitive adhesive
- Long open time
- Very easy clean up
- Can be used directly over WAKOL PU 280 Moisture Barrier or WAKOL MS 330 Moisture Barrier
- Up to 100% rH** (See below for details)



Specifications

Raw material base: Acrylate dispersion
Type: Dispersion based wet set and pressure sensitive adhesive for resilient floor coverings
Color: White
Odor: None to negligible
VOC Content: 0 g/l US regulatory
Working Time: 30-50 minutes (depending on humidity)
Flash Time: Absorbent substrates: approx. 5-20 minutes
Non-absorbent substrates: approx. 30-40 minutes
Cure Time: Light foot traffic after 3 hours / Full traffic after 24 to 72 hours (depending on climate)
Cleaning agent: Water before product dries
Shelf Life: 12 months in unopened container at 70°F / 21°C, not below 40°F / 5°C
Freeze/thaw stable: No. Do not freeze
Unit Size: 3 gal.
Unit Weight: 31.2 lbs. ea.
Units per pallet: 36 pieces
Item Number: WA-FL-093

Important Information

Jobsite conditions must meet the NWFA, ASTM, and/or 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. Acclimate materials to acceptable jobsite conditions.

If a moisture barrier or primer is needed prior to the installation with WAKOL D 3320 Resilient Adhesive, use WAKOL PU 280 Moisture Barrier or WAKOL MS 330 Moisture Barrier exclusively.

WAKOL D 3320 Resilient Adhesive can be used above grade, on grade, and below grade. Do not use on subfloors with excessive moisture or hydrostatic pressure.

**Approved for concrete substrates up to 100% rh when used in conjunction with WAKOL PU 280 Moisture Barrier.

Recommended Use – On properly prepared absorbent and non-absorbent subfloors

- Commercial / Residential
- Homogeneous and heterogeneous PVC flooring in sheets and tiles
- Luxury vinyl tile and plank flooring
- Solid vinyl plank or tile per ASTM F1700
- Rubber and recycled rubber flooring (over absorbent substrate, no flash time is needed – direct wet set)
- CV and VCT floorings on absorbent and non-absorbent substrates

Subfloors/Substrates

All surfaces must meet the NWFA, ASTM, and/or RFCI Guidelines. All concrete surfaces must meet ASTM F710 standards. They must be permanently dry, smooth, and flat. They must be structurally sound, solid, well fastened, clean and free from dust, oil, grease, paint, wax, old adhesive. Mechanically remove parting compounds, surface hardeners and sealers which are known to interfere with the bond of the product to concrete, as well as loosely bonded toppings, primers or any other deleterious substances that may prevent or reduce adhesion.

Concrete

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 / cm²).

- Before starting installations on concrete subfloors, moisture test must be conducted. Emission of moisture through the subfloor should not exceed 5 pounds / 1,000 sqft / 24 hours (ASTM F1869) or 80% RH (ASTM F2170)

*For concrete substrates higher than 80% rh, it is required to first apply WAKOL PU 280 Moisture Barrier or WAKOL MS 330 Moisture Barrier. Then prime the floor with WAKOL D 3045 Special Primer, and then you will need to apply an approved Wakol leveling compound.

Gypsum (and other moisture sensitive substrates)

Gypsum underlayment must meet the minimum compressive strength requirements of the floor covering being installed. When using WAKOL D 3320 Resilient Adhesive as a wet set, an absorbent substrate is required. Loose, friable, or dusty gypsum must be primed with a single coat of WAKOL PU 280 Moisture Barrier. Prime the floor with WAKOL D 3045 Special Primer and then you will need to apply an approved Wakol leveling compound.

Wood subfloors / underlayment

OSB, plywood, particle board and wooden planks which are approved from the manufacture as underlayment for resilient flooring installation. Confirm minimum total thickness of wood substrates required by the floor covering manufacturer.

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 40 or 60 grit sandpaper to ensure a mechanical bond.

Leveling compounds

Rough surfaces must be treated with Wakol approved Leveling Compounds. Please check Technical Data Sheet for details. Alternative leveling compounds may be used if approved by the floor covering manufacturer.

WAKOL PU 280 Moisture Barrier or WAKOL MS 330 Moisture Barrier

NOTE: WAKOL PU 280 Moisture Barrier and WAKOL MS 330 Moisture Barrier will create a non-absorbent substrate. Observe instructions below for non-absorbent substrates.

Can be directly applied to WAKOL PU 280 Moisture Barrier and WAKOL MS 330 Moisture Barrier, **use pressure sensitive method only.**

Vertical installation (approved products)

- Vertical surfaces must be clean, smooth, well adhered, and free of residues or potential bond breakers Painted surfaces must be lightly sanded and wiped down to ensure a smooth dust free finish
- Gypsum wallboard must have all joints and holes filled and sanded and the surface primed
- Wood surfaces must have all seams and holes filled, sanded smooth, and filled
- For other surfaces, please contact Loba-Wakol Technical Department

Application and Coverage*



Stir adhesive well before using. Use the recommended trowel and apply the adhesive uniformly on the subfloor, avoiding adhesive pools.

When using the wet set method of installation, do not let the adhesive flash for more than 20 minutes. Install flooring into wet adhesive bed and press firmly. Check periodically to make sure that there is 100% adhesive transfer to the back of the flooring. Roll flooring twice with a 100 pound roller in each direction within one hour after installation.

When using the pressure sensitive method of installation let the adhesive flash for approximately 30 minutes (depending on the climate conditions on site as well as the subfloor conditions). The right "tacky condition" of the adhesive is reached if - when touched - the adhesive does not stick to the finger anymore. Install flooring by pressing flooring into adhesive bed. Roll flooring twice with a 100 pound roller in each direction within one hour after installation.

On non-absorbent subfloors and all vertical applications, wait to install floor covering until the pressure sensitive phase begins.

Clean wet adhesive from tools and equipment with water before adhesive dries. Dried adhesive can be removed with WAKOL RT 5960 Cleaning Towels.

	Recommended Wakol Trowel
CV and VCT flooring	WAKOL A1  3/64" by 1/16" by 1/64" V-notch (up to 240 sq.ft./gal.)
Rubber flooring, PVC flooring, Luxury Vinyl Tile flooring, Luxury Vinyl Plank flooring, CV and VCT floorings	WAKOL A2  1/16" by 1/16" by 1/16" V-notch (up to 160 sq.ft./gal.)

*Coverage is dependent on the surface structure and absorbcency of the substrate.

Symbols



<https://www.wakol-usa.com/symbol>

Disclaimer

The responsibility of the suitability of Wakol products for each individual case cannot be assumed, as the manufacturer has no influence on the proper application of the product by the installer and/or contractor. The directions for use were established based on 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.

All Wakol Technical Data Sheets can be found at www.loba-wakol.com.

This Technical Information of 11/15/2023 supersedes all previous versions.

For Technical support contact Loba-Wakol, LLC at 800.230.6456 (extension 2) or by e-mail at: technical@loba-wakol.com.