

Technical Data Sheet
WAKOL D 3120 LVT/LVP Adhesive

WAKOL®

Pursuing excellence unites



- 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 pressure sensitive adhesive for resilient floor coverings

Color: White (clear when dry)

Odor: None to negligible

VOC Content: 0 g/l US regulatory

Flash Time: Absorbent substrate: 20-30 minutes (depending on humidity)
Non-absorbent substrate: 40-60 minutes (depending on humidity)

Working Time: 3 hours

Cure Time: Light foot traffic after 6 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: 26.6 lbs. ea.

Units per pallet: 36 pieces

Item Number: WA-FL-173

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 3120 LVT/LVP Adhesive, use WAKOL PU 280 Moisture Barrier or WAKOL MS 330 Moisture Barrier exclusively.

WAKOL D 3120 LVT/LVP 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
- Carpet tiles

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 curing and 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 3 pounds / 1,000 sqft / 24 hours (ASTM F1869) or 95% rH (ASTM F2170)

*For concrete substrates higher than 95% rh it is required to first apply WAKOL PU 280 Moisture Barrier.

Gypsum (and other moisture sensitive substrates)

Gypsum underlayment must meet the minimum compressive strength requirements of the floor covering being installed. Loose, friable, or dusty gypsum can be consolidated/solidified by application of a single coat of WAKOL PU 280 Moisture Barrier.

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. Must be dry set application only. Please note that unevenness of the subfloor may telegraph through the flooring.

Application and Coverage*


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

When using WAKOL D 3120 LVT/LVP Adhesive on absorbent substrates let the adhesive flash for approximately 20-30 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.

When using WAKOL D 3120 LVT/LVP Adhesive on non-absorbent substrates let the adhesive flash for approximately 40-60 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.

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

See chart for details.

	Recommended Wakol Trowel
Luxury Vinyl Tile, CV and VCT floorings Carpet tiles	WAKOL A1  3/64" by 1/16" by 1/64" V-notch (up to 270 sq.ft./gal.)
Luxury Vinyl Tile, CV and VCT floorings Carpet tiles	LOBA roller microfiber 60-80 (up to 400 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.