

Technical Data Sheet  
WAKOL D 3045 Special Primer

# WAKOL®

Pursuing excellence unites



- Non-slip surface
- Ready-to-use
- Can be rolled 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 with aggregates  
Type: Ready-to-use dispersion primer to create bond between WAKOL Leveling Compounds  
Color: Pink  
Odor: None to negligible  
VOC Content: 0 g/l US regulatory  
Dry Time: Approx. 30-60 minutes (60-120 minutes minimum on wooden substrates)  
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: 2.5 gal.  
Unit Weight: 27.6 lbs. ea.  
Units per pallet: 36 pieces  
Item Number: WA-FL-049-L

### 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 3045 Special Primer, use WAKOL PU 280 Moisture Barrier or WAKOL MS 330 Moisture Barrier exclusively.

WAKOL D 3045 Special Primer 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
- Priming non-absorbent substrates
- Priming over WAKOL PU 280 Moisture Barrier or WAKOL MS 330 Moisture Barrier
- Ceramic tiles
- Natural stone flooring
- Terrazzo
- Cast asphalt
- Wooden substrates (OSB or plywood)

### 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 / 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 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.

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 flooring 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

Apply WAKOL D 3003 Dispersion Primer or WAKOL D 3004 Primer Concentrate (diluted) between lifts of Wakol leveling compounds .

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 surface. Observe instructions below for non-absorbent substrates.

**Application and Coverage\***

Stir primer before using. Apply WAKOL D 3045 Special Primer with approved applicator on the substrate at the recommended coverage while avoiding puddles. Let the material dry and apply WAKOL Leveling Compound according to its specification.

Clean wet material from tools and equipment with water before material dries.

See chart for details.

Substrate	Applicator
WAKOL PU 280 Moisture Barrier	LOBA roller microfiber 60-80
WAKOL MS 330 Moisture Barrier	(up to 400 sq.ft./gal.)
Tiles	
Natural stone flooring	
Terrazzo	
Cast asphalt	

\*Coverage is dependent on the surface structure and absorbency of the substrates.

## 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](http://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](mailto:technical@loba-wakol.com).