

Technical Data Sheet
WAKOL D 3004 Primer Concentrate



- Solvent free
- Fast drying
- Excellent dust binding
- Improves bonding properties
- Excellent coverage
- Good penetration



Specifications

Raw material base: Acrylate dispersion
 Type: Dispersion primer concentrate for absorbent and non-absorbent substrates
 Color: Blue
 Odor: None to negligible
 VOC Content: 0 g/l US regulatory
 Dry Time: Absorbent substrates: 10-20 minutes
 Non-absorbent substrates: 30-60 minutes
 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: 22.6 lbs. ea.
 Units per pallet: 72 pieces
 Item Number: WA-FL-192-L

Important Information

Jobsite conditions must meet the NWWA, 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.

WAKOL D 3004 Primer Concentrate can be used above grade, on grade, and below grade. Do not use on subfloors with excessive moisture or hydrostatic pressure.

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

- Commercial / Residential
- Cement
- Concrete substrates
- Terrazzo
- Wood planks
- Composite boards
- Wakol Leveling Compounds

Subfloors/Substrates

All surfaces must meet the NWWA, 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 80% rH (ASTM F2170)

Gypsum (and other moisture sensitive substrates)

Gypsum underlayment must meet the minimum compressive strength requirements of the floor covering being installed.

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. Then prime terrazzo using WAKOL D 3004 Primer Concentrate (full strength undiluted).

Leveling compounds

Existing cementitious leveling compounds must be clean, dry, absorbent and free of contaminants. Apply 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 substrate. Observe instructions below for non-absorbent substrates.

WAKOL D 3004 Primer Concentrate cannot be directly applied to WAKOL PU 280 Moisture Barrier or WAKOL MS 330 Moisture Barrier. If a moisture barrier is needed prior to the installation of Wakol Leveling Compounds, use WAKOL D 3045 Special Primer.

Application and Coverage*

Shake primer well before using. Apply WAKOL D 3004 Primer Concentrate diluted or un-diluted in the specified ratio with water, apply with approved roller 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.

Absorbent substrates	Applicator
Concrete	LOBA roller microfiber 100-120 (or equivalent) or soft-bristled exploded tip push broom 1:2 ratio (primer : water) Diluted: (up to 800-1000 sq.ft./gal.)
Gypsum	
Cementious leveling compounds	
Non-absorbent substrates	Applicator
Ceramic tiles	LOBA roller microfiber 100-120 (or equivalent) or soft-bristled exploded tip push broom (up to 350-500 sq.ft./gal.) (un-diluted = FULL STRENGTH)
Terrazzo (properly prepared)	
Wooden composite board	
Wood planks	
Plywood	

*Coverage is dependent on the surface structure and absorbcy 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