

WAKOL D 3060 Plastification Additive

Product Data Sheet

Description

Ready-to-use dispersion for improving WAKOL Z 645 Filling Compound, WAKOL Z 640 Filling Compound, WAKOL Z 615 Levelling Compound, dust-free, WAKOL Z 630 Levelling Compound and WAKOL A 830 Levelling Compound for increasing adhesion, flexibility and reduction of shrinkage for applications indoors.

Special Features



- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS: 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

- zero VOC
- suitable for chairs with castors at a minimum layer thickness of 1 mm
- approved for radiant heated floors

Properties

Raw material base:	polyacrylate dispersion
VOC content:	0g/l US regulatory
Cleaning agent:	water in fresh condition
Shelf life:	1 year in unopened container at 70 °F / 21 °C, not below 40 °F / +5 °C; freeze thaw stable
GISCODE:	D1
EMICODE:	EC1 PLUS

Applicable with:	WAKOL Z 645	WAKOL Z 640	WAKOL Z 615 WAKOL Z 630	WAKOL A 830
Addition WAKOL D 3060 per 55 lbs (25 kg) / bag	1.9-2.1 gal	1.6-1.9 gal	1.6-1.8 gal	1.6-1.9 gal
Pot life	approx. 12 min.	approx. 15 min.	approx. 40 min.	approx. 40 min.
Suitable for walking < 1mm*	after 20 min.	after 30 min.	after 30 min.	after 30 min.
Sanding < 1mm*	1 hour	1 hour	2 hours	3 hours
Drying time for < 1 mm* thickness prior to application of Wakol levelling compounds	1 hour	1 hour	2 hours	3 hours
Ready for flooring	3 hours	3 hours	12 hours	24 hours**

* Higher thicknesses increase waiting time

** Ready for laying after patching of joints and screw holes on wooden sheets after 3 hours.

Subfloor

All surfaces must meet the ASTM standards, they must be permanently dry, smooth and level. They must be structurally sound, solid, well fastened, clean and free from dust, oil, grease, paint, wax, old adhesive. Check for curing and parting compounds, surface hardeners and sealers which are known to interfere with the primer to concrete, as well as loosely bonded toppings, primers or any other deleterious substances that may prevent or reduce adhesion.

Old floor coverings must be firmly joined with the subfloor and must be thoroughly cleaned and sanded before application of the levelling compound.

A primer is only needed on calcium sulfate / gypsum substrates and on excessively absorbent subfloors. In this case use WAKOL D 3035 Dispersion Primer, observe the drying time of the primer.

New concrete

New 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 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 manufacture as acceptable substrates for 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 substrates with 40 or 60 grit to ensure a mechanical bond.

Application

Shake WAKOL D 3060 Plastification Additive well and add to the levelling compound instead of water. The added quantity may be varied within the above-stated quantity depending on levelling compound and application.

Mix with a drill at a high speed (>2,000 rpm) and a spiral mixing paddle. Minor lumps may dissolve while troweling.

WAKOL D 3060 Plastification Additive and WAKOL Z 615 Levelling Compound, dust-reduced, WAKOL Z 630 Filling Compound or WAKOL Z 640 Filling Compound are especially suitable for full-surface priming of old waterproof adhesive residue, for fine filling (pore sealing), for levelling WAKOL TS 102 Sound Dampening Underlayment, (at 2 mm thickness), for levelling old, cleaned and ground floor coverings, such as PVC, rubber, linoleum, ceramic tiles and natural stone tiles, metal subfloors and fixed needle punch flooring.

WAKOL D 3060 Plastification Additive and WAKOL A 830 Levelling Compound or WAKOL Z 640 Filling Compound are especially suitable for filling borders, transitions and screw holes on professionally laid wooden material tiles, for partial fillings, e.g. for trowel marks and for levelling WAKOL TS 102 Sound Dampening Underlayment (at 2 mm thickness).

The subsequent flooring laying can be carried out as follows:

Textile floor coverings with all adhesives available from Wakol, PVC and CV floor coverings with WAKOL D 3320 PVC Adhesive, WAKOL D 3360 VersaTack, PVC design flooring from 1 mm minimum thickness of filling with WAKOL D 3320 PVC Adhesive, WAKOL D 3318 MultiFlex, fibre-containing and WAKOL D 3319 PVC Design Flooring Adhesive, fibre-containing, linoleum with WAKOL D 3318 MultiFlex, fibre-containing as well as rubber flooring with WAKOL PU 270 Polyurethane Adhesive or WAKOL MS 550 Resilient and Rubber Flooring Adhesive. Mosaic, on-edge lamella, strip parquet and multi-layer parquet with WAKOL PU 225 Wood Flooring Adhesive on firm subfloors levelled with WAKOL D 3060 Plastification Additive on plastified WAKOL Z 615 Levelling Compound, dust-reduced. A minimum layer thickness of filling of 1 mm must be observed.

Because of the reduced absorbability of the plastified levelling compound, the airing time of the adhesives must be adjusted accordingly.

Levelling compounds with WAKOL D 3060 Plastification Additive can be levelled without a primer within 72 hours.

Important Information

Jobsite conditions must meet NWFA 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 65 % relative humidity. Acclimate materials during cold periods properly.

Plastified levelling compounds can be used above grade, on grade and below grade. Do not use on subfloors with excessive moisture and/or hydrostatic pressure.

Suitable for chairs with castors when the compound is 1 mm minimum thickness on non-compressible subfloors.

Resilient floor coverings or parquet must not be laid on compressible subfloors (for example old needle fleece floor coverings). Confirm acceptable substrates with the flooring manufacturer.

Clean tools with water immediately, after drying it is very difficult to remove the material mechanically.

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.

This Technical Information of 01/31/2019 supersedes all previous versions.