

WAKOL D 3050 Plastification Additive

Technical Information

Area of application

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 620 Anhydride Levelling Compound for increasing adhesion, flexibility and reduction of shrinkage for applications indoors.

Special properties:



1)



2)



3)

- solvent-free according to the definition of the TRGS 610
- suitable for chairs with castors as of 1 mm layer thickness
- suitable over underfloor heating

- 1) Based on the criteria of GEV (Association for Emission-controlled Laying Materials), classified as EMICODE EC1 PLUS: very low in emissions
 2) Permitted as marine equipment product by the See-Berufsgenossenschaft Hamburg, Module B and Module D. Declaration of conformity, see www.wakol.de.
 3) Emission class according to French law

Technical data

Raw material base: polyacrylate dispersion

Cleaning agent: water in fresh condition

applicable with:	WAKOL Z 645	WAKOL Z 640	WAKOL Z 615 WAKOL Z 630	WAKOL A 620
addition WAKOL D 3050 per 25 kg / bag	6,25 - 7,25 l	6,25 - 7,25 l	6,25 - 7,25 l	6,25 - 7,25 l
Pot life	approx. 15 min.	approx. 15 min.	approx. 60 min.	approx. 60 min.
Suitable for walking < 1mm*	after 25 min.	after 30 min.	after 30 min.	after 35 min.
Grind < 1mm*	1 hour	1 hour	2,5 hours	3 hours
Drying time for layer thickness < 1 mm* with subsequent application with dispersing Wakol levelling compounds	1 hour	1 hour	2,5 hours	3 hours
Ready for laying	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.

Storage temperature: not below +5 °C, sensitive to frost
Storage time: 12 months at room temperature
GISCODE: D1
EMICODE: EC1 PLUS

Subfloors

The subfloors must be absorbent, level, permanently dry, firm and free of cracks, dust, dirt and adhesion-inhibiting substances. Employ a suitable mechanical procedure to remove separating layers. The room climate conditions must satisfy the requirements of DIN 18356.

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

A primer is only needed on calcium sulfate concretes and on excessively absorbent subfloors. In this case use WAKOL D 3040 Primer Concentrate 1:2 diluted with water or WAKOL D 3035 Universal Primer; observe the drying time of the primers.

Scrape off old elastic parquet adhesive remnants as much as possible and prime with WAKOL PU 280 Polyurethane Prime, PU 235 Polyurethane Primer or WAKOL MS 325 Silane Primer in combination with WAKOL D 3045 Special Primer; observe the drying time of the primer.

Usage

Shake WAKOL D 3050 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.

The mixing is done with a spiral agitator and a drilling machine at a high speed (>2000 rpm). Possibly remaining lumps dissolve during the processing with a trowel.

Use WAKOL D 3050 Plastification Additive and WAKOL Z 645 Filling Compound or WAKOL Z 640 Filling Compound for fillings of 1 - 20 mm as well as on bearing-capable, vibration-free wooden beam constructions with wooden planks, for filling in WAKOL AR 150 Reinforcement Fabric, for filling joints in tiles and for rapid preliminary work involving filling complete surfaces.

WAKOL D 3050 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 stripping of old waterproof adhesive residue, for fine filling (pore sealing), for levelling WAKOL TS 102 Footfall Soundproofing Mat, 2 mm resp. WAKOL TS 103 Footfall Soundproofing Mat, 3 mm, for levelling old, cleaned and ground floor coverings, such as PVC, rubber, linoleum, ceramic tiles and natural stone tiles, metal subfloors and fixed needle fleece flooring.

WAKOL D 3050 Plastification Additive and WAKOL A 620 Anhydrite 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 Footfall Soundproofing Mat, 2 mm resp. WAKOL TS 103 Footfall Soundproofing Mat, 3 mm.

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, contains fibre, linoleum with WAKOL D 3318 MultiFlex, fibre-containing and WAKOL D 3304 Linoleum as well as rubber flooring with WAKOL PU 270 Polyurethane Adhesive. Mosaic, on-edge lamella, strip parquet and multi-layer parquet with WAKOL PU 210 Parquet Adhesive, WAKOL PU 215 Parquet Adhesive and WAKOL PU 225 Parquet Adhesive on firm subfloors levelled with WAKOL D 3050 Plastification Additive on plastified WAKOL Z 615 Levelling Compound, dust-reduced or WAKOL Z 630 Levelling Compound. A minimum layer thickness of filling of 1 mm must be observed.

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

Levelling compounds with WAKOL D 3050 Plastification Additive can be levelled without a primer within 72 hours.

Important

Processing not below floor temperature of +15 °C and room temperature of +18 °C, as well as room humidity preferably between 40 % and 65 %, maximum 75 %. In cold weather, warm up the primer in due time in heated room.

Suitable for chair with castors from 1 mm compound layer thickness on non-compressible subfloors.

No smooth floor coverings or parquet must be laid on compressible subfloors (for example old needle fleece floor coverings).

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

We guarantee the uniform high quality of our products. All data is based on tests and many years of practical experience and refers to standardised conditions. The variety of materials used and the different construction site conditions, which lie beyond our control, preclude any claims based on this data. We therefore recommend making sufficient trials. Accompanying flooring manufacturer's instructions and the currently applicable codes must be observed. We gladly provide technical advice.

The product data sheets can be found in their latest version at www.wakol.com.

This Technical Information of 14.12.2015 supersedes all previous versions.