

LE 10

Levelling material



Levelling stopper for walls, for layers of 1-10 mm.

DECLARATION:

Rendering and plastering mortar (GP) according to EN 998-1, category CS IV and W1.

APPLICATION:

This product is intended for the levelling of walls before the laying of ceramic tiles and facade plaster pastes and coatings, also with good processability also on ceilings.

Thixotropic stopper for internal and mainly for external environments.

This product should be applied on solid, dry, and clean bases, treated with a suitable penetration coating.

This product is applied in layers of **1-5 mm, in one working step.**

It forms a clean surface which can be subsequently ground.

COMPOSITION:

Aggregates, cement, alkali-resistant reinforcing fibres, redispersible polymer, and other additives improving processing and end-use properties of materials.

TECHNICAL PARAMETERS:

MANDATORY			
Compressive strength (category CS IV)	min. 6.0 MPa	Reaction to fire	Class A1
Binding force – method of separation (FP)	min. 0.25 MPa (FP: B)	Volume weight of hardened mortar	1300-1500 kg/m ³
Capillary absorption of water (category W1)	max. 0.4 kg/m ² .min ^{0.5}	Coefficient of heat conductivity λ	max. 0.48 W/m.K *)
Water vapour diffusion resistance factor μ	max. 20	Pot life	min. 2.5 hours
Durability – number of cycles **)	min. 10		
*) tabular value			
**) testing of frost resistance of mortar according to ČSN 72 2452			

INFORMATIVE		
Grain size		0-0.7 mm
Amount of mixing water:	per 1 kg of dry mixture	0.26-0.30 l/kg
	per 1 bag (25 kg)	6.5-7.5 l
Spreading rate		approx. 1250 kg/m ³
Recommended thickness of layer (levelling/stucco)		3 mm/2.5 mm
Usage at the recommended thickness		approx. 3.8 kg/m ² /approx. 3.1 kg/m ²
Spreading rate – area plastered from one bag at the recommended layer		approx. 6.7 m ² /approx. 8 m ²

NOTE: The technical parameters are determined under standard conditions (20 ± 2)°C and (65 ± 5)% of relative air humidity.

BASE PREPARATION:

LASSELSBERGER, s.r.o.
Adelova 2549/1
320 00 Plzeň - Jižní Předměstí
Czech Republic

TEL +420 378 021 111
FAX +420 378 021 119
E-MAIL info@rako.cz
WEB www.rako.cz

BANK DETAILS: Česká spořitelna, a.s.
6221912/0800
Company ID number 25238078
Tax ID number CZ25238078

The company is registered in the Companies Register, administered by the Regional Court in Plzeň, Section C, File 22719

TECHNICKÝ LIST /

The base must be solid, mature, volume stable, free of dust, grease and other impurities, and should not be frozen. Before applying the stopper, absorbent bases (such as common mineral and thermal-insulation plasters) should be penetrated using PE 201. Less absorbent bases (such as concrete), should be slightly moistened with water as appropriate.

PROCESSING:

Pour the dry mixture into the prescribed amount of water, and mix thoroughly with a high-speed stirrer to produce a homogeneous, smooth mass. Allow the mixture to stand for approx. 5 minutes, then mix it again. The stopper is applied on the base using a stainless trowel. To achieve the absolute plane surface, it is recommended to regrind the levelling layer after hardening (at least after 24 hours). Gluing of ceramic tiles, applying a finishing plaster, facade coating, etc. should be performed only after perfect drying the stopper. The minimum curing period of stopper is calculated as 1 day per 1 mm of applied layer.

CAUTION:

- When designing, preparing, and applying plasters, EN 13914-1 and EN 13914-2 (ČSN 73 3715 for internal plaster systems) should be followed.
- The mixture can be mixed only with drinking water, or water conforming to standard EN 1008.
- It is inadmissible to add additional binders, aggregates, and other inadvisable additives. Sifting of the mixture is inadmissible too.
- Backfilling should not be performed under direct sunlight and in the rainy conditions (it must be protected against rain for min. 24 hours).
- The mixture can be processed only under the air and base temperature over +5°C! The work cannot be done if frost is expected.
- Unused residues should be mixed with water and allow them to harden - they can be disposed of as construction wastes; contaminated containers should be disposed as of hazardous wastes (see the Safety Data Sheet).
- Only completely emptied and clean packaging may be handed over to recycling.

FIRST AID, SAFETY AND HYGIENE REGULATIONS:

See the product Safety Data Sheet.

STORAGE:

The product should be stored in original containers – protected from damage, action of water, and high relative air humidity. If the storage conditions are met, the shelf life will be 12 months. The expiration date is specified on the packaging.

SHIPPING:

The dry mixture is supplied in 25 kg paper bags placed on pallets wrapped in foils.

QUALITY:

- The product quality is regularly checked in the manufacturer's laboratories.
- The production control system is used in manufacture, and a certified quality management system, according to ISO 9001, is applied.
- Continuous surveillance and proving the conformity of products (if necessary) is ensured by TZÚS Prague, OS 1020.

DISTRIBUTOR:

LASSELSBERGER, s.r.o., Adelova 2549/1, 320 00 Pilsen – Jižní Předměstí

VALIDITY:

Since 1 March 2017

We reserve the right to make any changes that are the result of technical progress. This issue cancels and supersedes all previous issues.

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