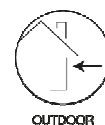


LECOCEM 100

Technical Sheet - Ed. 06/2021



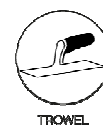
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OUTDOOR



WATER
BASED



TROWEL

Plastic adhesive/skim coat in paste form

DESCRIPTION

Plastic adhesive/skim coat in paste form, specific for extruded polystyrene foam, mineral fibres and glass fibres. Based on unsaponifiable resins in dispersion and selected sands, provides excellent adhesive properties. Ideal for mesh-reinforced skim coats on cracked plasters, cement, extruded polystyrene foam, glass fibre and as an adhesive for sheets of polystyrene in general and mineral fibres for Termok8® system. For professional use.

MAIN PROPERTIES

- Adhesive/skim coat in paste form.

TECHNICAL DATA

Classification UNI 8681	One-pack, physical drying matt vinyl versatate plaster for base coat dispersed in water.
Maximum granulometry EN 1062	<0.5mm
Maximum application thickness	5mm in two coats
Apparent bulk volume	n.p.
Bulk volume in paste	1520 ± 50 g/l
pH	7-8
Type of binder	Vinyl versatate (UNI 8681: HF)
Solid content	55 ± 2%
Vapour permeability EN 1015-18	Class W0 (Not Specified)
Adhesion EN 1015-12	2,5 N/mm ² - FP:B
Flexural properties	n.p.
Compressive properties	n.p.
Thermal conductivity EN 1745	0,47 W/mK
Water vapour diffusion (μ)	5 - 20
Reaction to fire	n.a.
VOC	Cat A/c: limit 40 g/l (2010) This product contains a maximum of 4 g/l of VOCs

CHARACTERISTICS

Colour range	Grey
Coverage	1.3 kg/m ² per mm of thickness For gluing: 4-4.5 Kg/m ² - For skim coating: 4-4.5 Kg/m ²
Mixing Ratio	100% with cement PTL 325 25Kg per 25Kg package
Diluted with	Water
Open time EN 1346	20 min
Pot-life of mixture	About 3 hours
Drying time	24-48 hours between coats. At least 10 days before covering. Drying time depends greatly on environmental conditions.
Overpaintable	Compatibility with other products: compatible with all water-based products

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APPLICATION

Suitable Substrates:

Cement-based plaster, lime-based paint and plaster, painted plaster, exposed reinforced concrete, precast concrete features, fibre cement, insulation panels

Preparation of the Substrate:

All substrates should be carefully prepared by manual brushing and/or washing, making certain that there is no efflorescence, loose parts, release agents, waxes, oils or anything else that could compromise adhesion.

Application Procedure:

For gluing

prepare the adhesive mortar by adding cement PTL 325 to the LECOCEM 100 base paste at a weight ratio of 100% and mix for at least 5' with a low speed mixer; then apply strips around the perimeter of the insulating slab and dabs in the centre, at a rate of at least 3 kg/m²

For reinforced skim coats

prepare the smoothing mortar by adding cement PTL 325 to the LECOCEM 100 base paste at a weight ratio of 100% and mix for at least 5' with mechanical mixer. Using a metal trowel, apply the mixture so that the surface is adequately uniform. While the mortar is still wet, apply the Armatex C1 M (IVAS) glass fibre mesh fabric in sheets of approximately 2 m in length, pull it taut and embed it into the fresh mortar with the help of a trowel or spatula, making sure to overlap the sheets by at least 10 cm and trying to avoid the formation of blisters and creases. The mesh should be completely covered by the mortar and, in any case, not visible.

Type of Equipment:

spatula, mason's trowel, low speed mixer

Notes:

Do not apply on surfaces that are in direct sunlight, frozen or very hot. Do not apply when it is very windy or when there is fog or rain. The conditions must last at least 2 days after application.

Ambient Conditions:

min +5°C max +35°C

STORAGE

Packaging:

25kg bags

Duration and Preservation:

6 months on a pallet and when stored in a dry place in undamaged packages at between 5° and 30°C.

Dispose of in accordance with local regulations.

For information on possible hazards, refer to the safety data sheet

TECHNOLOGIES/CERTIFICATIONS