



Smooth-finish skim coat

DESCRIPTION

Extremely smooth powdered cement-based skim coat made of selected inert materials, hydraulic binders, vinyl copolymers and specific additives offering superb trowel applicability. Suitable to skim concrete, set cement-based plaster, predalles plates, as finishing for Tow BK or Tow BN skim coats.

MAIN PROPERTIES

- Also for outdoor use;
- Extremely smooth finish

TECHNICAL DATA

Classification (UNI EN 1504-2)	Powder filler for base coat, single-component, physical-drying, matt.
Granulometry (EN 13300 / EN 1062)	0.1mm
Reaction to fire (EN 13501-1)	Class A1
Capillary absorption and perm. Water (class W) (EN 1015-18)	Class W0 (Not Specified)
Adhesion (EN 1015-12)	0.5 N/mm ² - FP:B
Open time (EN 1346)	20 min
Thermal conductivity (λ) (EN 1745)	0.47 W/mK
Water vapour transmission (μ) (EN 1015-19)	5 - 20
Bending resistance	0.4 N/mm ²
Compression resistance	2 N/mm ² , CS II (1.5 to 5 N/mm ²)
Apparent bulk volume	1200 \pm 50 g/l
Bulk volume in paste	1800 \pm 50 g/l
	12
Type of binder	Cement-based (UNI 8681: TA)
Solid content	100%
Mixing Ratio	40% with water; 8 Litres per 20Kg package
Maximum application thickness	5mm in two coats
Drying time	24-48 hours between coats. At least 10 days before covering. Drying time depends greatly on environmental conditions.

CHARACTERISTICS

Pot-life of mixture	About 4 hours
Coverage	1.3 kg/m ² per mm of thickness
Overpaintable	Compatibility with other products: compatible with all water-based products
Colour range	White
Dilution	Water

APPLICATION

Suitable Substrates:

Cured plasters in general, vertical surfaces and ceilings, exposed reinforced concrete, precast features in reinforced concrete

Preparation of the Substrate:

The concrete substrate must be stable, not chalky and cleaned by pressure washing so that all dusts, saline efflorescences and oily residues are completely removed. Chalky concrete and plaster must be consolidated with a coat of Towacril at least 5-6 hours before applying the TOW BF skim coat. We recommend smoothing out any surface irregularities that exceed 2 mm using Tow BK or Tow BN. Moisten the substrate before application

Ambient Conditions:

min +5°C max +35°C

Type of Equipment:

spatula, mason's trowel, low speed mixer

Application Procedure:

Mix with 40% water - 8 l for every 20 kg of TOW BF - with a low speed mechanical mixer for at least 5 minutes or until the mixture is smooth and free of lumps. Let the mixture stand for 10 minutes, remix and, if necessary, add the remaining water prior to use. Apply the mixture with a metal spatula and wait 1-3 hours before applying a second coat. TOW BF can be mixed and sprayed with a mechanical plastering machine. Then finish with a metal spatula to ensure that the surface is smooth. In this case, the amount of water in the mixture can vary slightly depending on the machine used. After 24 hours, the surface is cured and ready to be covered with organic paints. Do not apply in strong wind or direct sunlight. Do not apply on gypsum

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.

STORAGE

Disposal and safety indications:

Dispose of in accordance with local regulations.

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

Packaging:

20 kg bags

Storage:

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

TECHNOLOGIES/CERTIFICATIONS

