



Medium two-coat finish for concrete, 1.2 mm

DESCRIPTION

Powdered cement-based skim coat grain size 1.2 mm made of selected inert materials, hydraulic binders, vinyl copolymers and specific additives. Has superb spreadability and filling capacity. Ideal for skimming concrete, set cement-based plaster, floors; for filling joints between predalles, smoothing out irregularities up to 1 cm thick. For indoor and outdoor use.

MAIN PROPERTIES

- High resistance
- For filling predalles joints

TECHNICAL DATA

Volatile organic compounds (VOC)	Not covered by Directive 2004/42/CE.
Classification (UNI EN 1504-2)	Powder filler for base coat, single-component, physical-drying, matt, cement-based.
Granulometry (EN 13300 / EN 1062)	1.2mm
Chloride Content (EN 1015-17)	≤ 0.05%
Bond strength (EN 1542)	≥ 1.5 MPa
Determination of shrinkage and expansion (EN 12617-4)	2 MPa
Resistance to carbonation (EN 13295)	Pass
Elastic modulus (EN 13412)	18GPa
Thermal Compatibility Part 1 (EN 13687-1)	≥ 1.5 MPa
Capillary absorption (EN 13057)	≤ 0.5 Kg/(m ² ·h ^{0.5})
Apparent bulk volume	1360 ± 50 g/l
Bulk volume in paste	1800 ± 50 g/l
Type of binder	Cement-based (UNI 8681: TA)
Mixing Ratio	20-22% with water; 5-5.5 Litres per 25Kg package
Maximum application thickness	1 cm in several coats
Drying time	24-48 hours between coats. At least 10 days before covering. Drying time depends greatly on environmental conditions.
Reaction to fire (EN 13501-1)	Class A1
Compressive strenght (EN 12190)	Class R3

CHARACTERISTICS

Pot-life of mixture	About 4 hours
Coverage	1.4 kg/m ² per mm of thickness
Overpaintable	Compatibility with other products: compatible with all water-based products
Colour range	White, Grey
Dilution	Water

APPLICATION

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.

Suitable Substrates:

Cured cement-based plasters in general, repair of vertical walls and ceilings, exposed reinforced concrete, precast concrete features, predalles, floors

Ambient Conditions:

min +5°C max +35°C

Preparation of the Substrate:

The concrete substrate must be stable, not chalky and cleaned by pressure washing so that all dusts, saline efflorescences and residues of release agents are completely removed.

Chalky concrete and plaster must be consolidated with a coat of Primacril at least 5-6 hours before applying the TOW BK skim coat.

Moisten the substrate before application

Type of Equipment:

spatula, mason's trowel, mechanical low speed mixer

Application Procedure:

Using a mechanical low speed mixer, add 21% water - 5.2 l for each 25 kg of TOW BK - and mix for at least 5 minutes, let the mixture stand for 10 minutes, remix and, if necessary, add a bit of water prior to use.

Spread the mixture with a metal spatula, wait from 3 to 6 hours before applying the second layer and then smooth out with a sponge trowel.

TOW BK can be mixed and sprayed with a plaster pump, then finished with a sponge trowel.

In this case, the amount of water in the mixture can vary slightly depending on the machine used.

48 hours after the surface has cured, it's ready to be covered with organic varnishes or thick plastic coatings. Maximum thickness that can be achieved in several coats is about 1 cm.

Do not apply in strong wind or direct sunlight. Do not apply on gypsum.

STORAGE

Disposal and safety indications:

Dispose of in accordance with local regulations.

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

Packaging:

25kg 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

