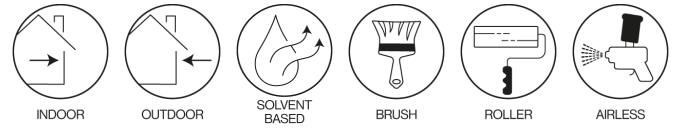


BETONGLOSS LUCIDO

Technical Sheet - Ed. 05/2023



COMPANY WITH QUALITY MANAGEMENT SYSTEM CERTIFIED



Two-pack anti-carbonation enamel for concrete

DESCRIPTION

Gloss two-pack, non-yellowing, acryl-polyurethane enamel formulated specifically to protect concrete. Highly resistant to chemicals, saline solutions and to exposure in aggressive industrial and marine atmospheres. Permeability to carbon dioxide (EN 1062-6:2003): Sd 4133m. For inside and outside. Restricted use for professional users. For indoor and outdoor use.

MAIN PROPERTIES

- Specific to protect concrete



TECHNICAL DATA

Film aspect EN 13300	Gloss (> 60 gloss 60°)
Thickness EN 13300	Class A, fine (< 100 µm) approx. 60 micron in 2 coats
Adhesion on concrete (EN 1542)	> 1.5 MPa
Classification (UNI 8681 / UNI 8682)	Two-pack, chemical-reactive hardening, aliphatic acrylic-polyurethane topcoat in solution, gloss finish (B4.A.1.C.O.CE)
Specific weight	1200 ± 50 g/l
Type of binder	Aliphatic acrylic-polyurethane (UNI 8681: CE)
Solid content	55 ± 2 % white's Dry weight content: 68 ± 2 %
Catalysis ratio (weight)	A: B = 3 : 1
Maximum application thickness	n.a.
Drying time	Dust dry: 1 hrs Fully dry: 12 hrs
Pot life	About 3 hours
VOC	Cat S/j: limit 500 g/l (2010); this product contains a maximum of 500 g/l of VOCs

CHARACTERISTICS

Coverage	With the application of 2 coats: 4-4.5 m ² /l
Coverage per pack	(12+4 l): 72 m ² , approx. Coverage varies according to substrate absorption.
Overpaintable	After 24 hours, and not more than 36 hours, with any other film-forming product. After 36 hours, careful sanding is required.
Colour range	Transparent and colours can be produced with the You Color tinting system
Diluted with	Diluyente per Poliuretanic thinner
Dilution	Max 10%, airless spraying equipment Max 15%

APPLICATION

Notes:

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Suitable Substrates:

Cementitious plaster, exposed reinforced concrete, precast concrete panels

Ambient Conditions:

Application temperature: min 10°C max 35°C RH max 80% The product cannot endure moisture in the 8 hours after application

Preparation of the Substrate:

Concrete or cement

All substrates should be carefully prepared by manual brushing and/or pressure washing, making certain that there is no efflorescence, loose parts, release agents, waxes, oils or anything else that could compromise adhesion. Loose or peeling paint must be carefully removed, possibly by sandblasting. Apply one coat of Primer-pool (IVAS)

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Type of Equipment:

Brush, Roller, Spray equipment (recommended pressure: 7 - 8 atm \varnothing nozzle 1.5 - 2 mm)

Application Procedure:

24 hours after application of the primer, proceed as indicated below:

The two packs are supplied in pre-weighed containers ready for mixing: never mix using measuring cups or, even worse, by eye! The two packs must be carefully and thoroughly mixed. If mixed incorrectly, the coating will harden abnormally, compromising its performance characteristics. If such problems arise, the entire coating must be completely removed and the application repeated. Apply two coats of BETONGLOSS with a brush, roller or airless spraying equipment, waiting 24 hours between coats.

STORAGE

Disposal and safety indications:

Dispose of in accordance with local regulations.

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

Packaging:

12 + 4 l (A+B) - 3 + 1 l (A+B)

Storage:

6 months when stored in undamaged packages at between 5 and 30°C; cannot endure frost and direct sunlight

TECHNOLOGIES/CERTIFICATIONS



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This Technical Sheet is compiled to the best of our technical/scientific knowledge. Nevertheless, it is not binding and does not imply that we are responsible, as the conditions of use are outside our control. It is recommended that the product is always checked as being suitable for the specific application.