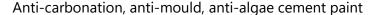
TECHNICAL DATA SHEET BETON ACTIVE





FEATURES

Water-dilutable paint for exteriors with high adhesion properties on various types of substrate, impermeable to water and CO₂, suitable as a specific anti-carbonation paint. Thanks to its high hiding power and ease of application, it is ideal for professional use. Its high quality with a high level of finish ensures maximum protection and colourfastness outdoors. Due to its low opacity it is characterised by a low uniforming capacity. When dry, it maintains the aesthetic effect of exposed concrete with a dust-proofing effect for easy cleaning.

It is additivated with a fungicide to ensure resistance to mildew attack on the wall.

WATER RESISTANCE

The product dries and cures completely in more than 10 days under optimal conditions (+15 +30°C with substrate humidity <10% and relative air humidity <75%).

If, prior to complete drying, the paint undergoes washout due to rainwater or condensation (in the case of fog or humidity above 85%), more or less extensive semi-glossy dripping may occur. This phenomenon, temporary in nature, does not affect the resistance of the product and is eliminated by hydro-washing or the subsequent natural action of rain and sun.

COMPOSITION

Product formulated with resins in aqueous dispersion and selected aggregates, with synthetic fungicide added.

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Brilliance	Class G3 Matt EN 1062-1	Method UNI EN ISO 2813	Value ≤ 10 @85°
Permeability to carbon dioxide	C1 EN 1062-1	UNI EN 1062-6	Sd > 50 m eq
Resistance to wet brushing	1 EN 13300	UNI EN ISO 11998	L_{dft} < 5 μ
Opacity	3 (10m ² /l)	UNI EN ISO 6504-3	≥ 95 e < 98
Dirt retention	Very Low	UNI 10792	$\Delta L \leq 3$
Dry residue by weight		Interior PF25	54-58%
Drying		Internal PF2	Overlapping 6h; Complete 10 days
Specific weight		Internal PF3	1265-1365 g/l

STORAGE

SPECIFICATIONS

The product is stable 1 year if stored in the original containers at a temperature between $+5^{\circ}$ C and $+30^{\circ}$ C.

COLOURS

White. The range can be extended in the pastel shades of the Tucano palette. The colours can be produced with the Arreghini Colors 16 system. Between one production run and the next, the colour shade may be slightly different, so it is necessary to finish the job with the same production run.

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Anti-carbonation, anti-mould, anti-algae cement paint



USE

It is suitable for the decoration and protection against weathering, even with intense colours, of concrete and reinforced concrete structures, both new and undergoing maintenance, in rural, marine and industrial atmospheres.

TOOLS

Roller, Brush, Spray.

DILUTION

Roller, Brush: 5-15% by volume with water. Airless spraying: 0-10% by volume with water.

YIELD

9-11 m² /l per layer, depending on the type of processing.

APPLICATION TEMPERATURE

+5°C +30°C

PAINTING SYSTEM

New concrete surfaces, precast concrete

Hydro-wash clean of all impurities such as dirt, moss, mould, cast-off agents and proceed as follows:

- 1. On a dry surface, apply a layer of Murisol;
- 2. After 5-8h, apply two layers of Beton Active 6h apart.

The cycle described has the following properties:

Adhesion (EN 1542), ≥ 0.5 MPa, flexible systems without traffic

≥ 0.7 MPa, rigid systems without traffic

Permeability to carbon dioxide (EN 1062-6), $Sdco_2 > 50 \text{ m}$ Water permeability (UNI EN 1062-3), w < 0.1 kg/($m^2h^{0.5}$)

Water vapour permeability (UNI EN ISO 7783), Sd < 5 m, Class 1

Maintenance on old paintwork

- A. Remove loose paint, efflorescence or other loose residues or crumbling material with brushes and scrapers and wash with high-pressure cleaner;
- B. Apply a layer of *Rasacap 50* to the surface to be restored and the reinforcement iron in evidence;
- C. Restore any cement parts with Rasacap 50 or Rasacap 501;
- D. After 14 days, apply a layer of Murisol or Murisol W;
- E. Proceed as in point 2.

Maintenance on old paint polluted by mould

- 1. Prepare the surface as in points A-B-C
- 2. Treat the surface with Antimould B1;
- 3. After 4-6 hours, apply a layer of Murisol or Murisol W;

After 5-8 hours, apply two layers of Beton Active

Maintenance on thick coatings

Proceed to prepare the substrate as in point A, and apply two coats of *Beton Active* 6 hours apart.

SPECIFICATION ITEM

Acrylic paint in water dispersion, anti-carbonation, with CO_2 diffusion resistance of more than 50m eq, resistant to weathering and mould, to be applied at a consumption rate of 200 ml/m² on a surface treated with 100 ml/m² of suitable primer.

WARNINGS

In order to carry out the work in a workmanlike manner, it is essential to follow the surface preparation instructions contained in the CAP Arreghini book. The specification data were determined at +23°C with 65% relative room humidity. Under different conditions, the data and times between operations vary. The technical information contained herein is indicative only. Due to the enormous

Revision 5 05/2021 BETONACTIVE_YK8KA0WA Page 2 of 2

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variety of substrates and application conditions, it is advisable to check the suitability of the product for use and its effectiveness through tests carried out on the specific application.