

**FEATURES**

Water-dilutable paint for exteriors with high adhesion properties on various types of substrate, impermeable to water and CO<sub>2</sub>, 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.

**PRODUCT PROPERTIES**

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

**SPECIFICATIONS**

<b>Specific weight</b>	Internal PF3	1265-1365 g/l
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**STORAGE**

The product is stable 1 year if stored in the original containers at a temperature between +5°C and +30°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.

**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 m<sup>2</sup> /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<sub>2</sub> > 50 m

Water permeability (UNI EN 1062-3), w < 0.1 kg/(m<sup>2</sup>h<sup>0.5</sup>)

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<sub>2</sub> diffusion resistance of more than 50m eq, resistant to weathering and mould, to be applied at a consumption rate of 200 ml/m<sup>2</sup> on a surface treated with 100 ml/m<sup>2</sup> 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

## BETON ACTIVE

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

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.