

**DESCRIPTION**

Water-based paint, waterproof and moderately breathable, easy to apply, ideal for professional use as it is extremely compatible and has excellent adhesion properties, filling and covering powers on a wide variety of substrates.

Its excellent quality guarantees maximum protection and resistance of the colour in outdoor environments with excellent finishing results. Thanks to the quartz powder it contains, it has the power to fill the substrate, obtaining a compact and even finish.

Its high opacity guarantees superb masking of any imperfections in the plaster and so the product, in the colours with refractive index >25, is also suitable for the painting and maintenance of exterior insulation coverings.

**RESISTANCE TO WATER**

The product dries and cures completely in over 10 days under optimal conditions (+15 +30° C with support relative humidity <10% and relative air humidity <75%). If before complete drying the painting undergoes erosion caused by rainwater or condensation (in case of fog or humidity greater than 85%) there may be sagging-glossy-looking more or less extensive. This phenomenon, of a temporary nature, does not affect the strength of the product and is removed with water or through the subsequent natural action of rain and sunshine.

**RESISTANCE TO MOLD AND ALGAE**

This product has been tested according to the standard EN15458 – 2006 and the results confirm the validity of efficacy against fungi and algae.

We must consider, however, that the active ingredients contained within it are biodegradable and therefore the effectiveness is reduced over time to the prolonged action of fungi and algae that settle on the surface of the film. Moreover, the presence of organic substances, climatic conditions, humidity and rainfall reduces the efficacy of the active ingredients. In the presence of high humidity or rainfall, in fact, the action-mold (which is the case for the micro-organism's contact with the active ingredient) is less effective because the active ingredient will be in a State of dilution. So it is not possible to quantify how soon can resume the growth of micro-organisms, fungi and algae.

**PRODUCT PROPERTY**

	Class	Method	Value
<b>Gloss level</b>	EN 1062 Very Matt	UNI EN ISO 2813	Gloss < 5
<b>Opacity level (Contrast ratio)</b>	2 (10m <sup>2</sup> /l)	UNI EN ISO 6504-3	≥ 98 e < 99.5 %
<b>Dirt retention</b>	Very low	UNI 10792	ΔL ≤ 3
<b>Wet scrub resistance</b>	1	UNI EN ISO 11998	L <sub>df</sub> < 5
<b>Solid by weight</b>		interior - PF25	72-76 %
<b>Mold resistance</b>			Excellent

**SPECIFICATION DATA**

<b>Specific weight</b>	Interior PF3	1295–1750 g/l
<b>Drying time</b>	interior PF2	recoatable 4-6h; fully 10 days

# K81 QUARZO ACTIVE

Matt quartz paint, algae and-mould resistant for exteriors

	Coverage (White)	Interior PF11	> 98 %
<b>SHELF LIFE</b>	1 year minimum, stored in its unopened original can at temperatures between +5°C and +30°C.		
<b>COLOUR RANGE</b>	<p>White.</p> <p>The range of colours can be extended using the <i>Tucano</i>, <i>Area 115</i> and <i>Spazio 100</i> sample books.</p> <p>The colour could vary slightly from one production batch to the next; it is therefore important to finish the job with the same batch.</p>		
<b>TYPICAL USE</b>	It is ideal for decorating and protecting, from atmospheric agents, new structures or structures undergoing maintenance and that have alkaline substrates such as plasters with different compositions (cement, common lime, pre-mixed, skim coat plaster for exterior insulation), concrete and fibrocement, in rural, marine or industrial environments. Strong colours may also be used. While being compatible with cement and reinforced concrete, it guarantees good but not specific protection.		
<b>TOOLS THINNING</b>	<p>Roller, Brush.</p> <p>15-30% by volume with water.</p>		
<b>COVERAGE</b>	9-11 m <sup>2</sup> /kg per coat.		
<b>APPLY</b>	+5°C +30°C		
<b>COATING SYSTEM</b>	<p><b>New surfaces, cementitious plaster, cement plasters, concrete, precast concrete</b></p> <p>1.1 Pressure power wash from all impurities such as dirt, moss, mould, casting mould release agents;</p> <p>1.2 Apply one layer of B1 equal to 80-100 ml/m<sup>2</sup>;</p> <p>1.3 On dry surface apply a layer of Murisol or Murisol W;</p> <p>1.4 After 5-8h apply two layers of K81 Quarzo Active 4-6h apart from each other.</p> <p><b>Maintenance on old paints</b></p> <p>2.1 Remove with brushes and scrapers any flaking paint, efflorescence or other waste material being inconsistent or crumbling and perform cleaning with high pressure cleaner;</p> <p>2.2 Restore any missing pieces of plaster with K29 if there are minor restorations; otherwise, for heavy gauge, use 50 or 501.</p> <p>2.3 After 24h if it is used K29 or 14 days if it is used 50 or 501, treat with B1 If any biological pollutants such as mould, algae, moss; then proceed as to point 1.3.</p>		
<b>SPECIFICATION ITEM</b>	Acrylic paint, in aqueous dispersion, for exteriors with quartz powder, resistant to mould and seaweeds with dry binder >12%, to be applied on surfaces treated with a suitable primer, at an average consumption of 200 ml/m <sup>2</sup> .		
<b>INSTRUCTIONS</b>	To carry out the work in a proper way, it is needed to strictly follow the instructions for the preparation of the surfaces contained in the CAP Arreghini Books. This technical information is intended as a rough guide. However, because		

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of the enormous variety of media and application conditions, it is essential to check the suitability of the product and test the effectiveness on a sample. The specification data and technical information have been calculated at +23°C with relative ambient humidity of 65%. In different conditions the data and the time intervals between the two phases of the above reported coating system can vary.