



# Biquarz 1.0 - 1.5

## TDS

COD. 383/... – 386/...

High-build acrylic polymer anti-algae coating for exteriors.

The high applied thickness (up to 1.5 mm) makes it possible to conceal any imperfections in the substrate and obtain a “natural lime” type finish.

The pigments and special fillers used in the formulation give the product excellent resistance to atmospheric agents and abrasion, without affecting breathability. The product is also compliant with standards EN 15457 (fungi resistance) and EN 15458 (algae resistance) as a result of special additives that protect the film against the aggressive action of algae, moulds and lichens.

### TYPICAL CHEMICAL AND PHYSICAL CHARACTERISTICS

APPEARANCE	granulated matt	
COMPOSITION	acrylic resin binder in water emulsion	
SPECIFIC WEIGHT	1.73 ± 0.05 g/cm <sup>3</sup> at 20°C	
VISCOSITY	100 ± 10 gm/cm	gel strength tester
DRY RESIDUE	85.0 ± 2% p/p	
PARTICLE SIZE	≤ 1.0 mm (code 386/...) ≤ 1.5 mm (code 383/...)	UNI 1062-1
PERMEABILITY TO WATER VAPOUR	μ.s = Sd = 0.73 m referred to ≤ 1.0 mm (code 386/...)	UNI EN ISO 7783-2 UNI EN 1062-1
WATER ABSORPTION	W = 0.04 kg/m <sup>2</sup> h <sup>0.5</sup> referred to ≤ 1.0 mm (code 386/...)	UNI EN 1062-3
ALKALI RESISTANCE	alkali resistant	UNI 10795

For reference standards, see “Key – technical data sheets”

### COLOURS

White,





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### TYPICAL APPLICATION CHARACTERISTICS

<b>DRYING</b> (at 20°C and 65% R.H.)	<b>touch dry: 6-8 hours</b> the film acquires all its properties after about a week
<b>EFFECTIVE COVERAGE</b>	<b>2 kg/m<sup>2</sup> approx. per coat of code 386 (2.5 kg/m<sup>2</sup> for code 383)</b> depending on substrate absorption and particle size
<b>DILUTION</b> (V/V)	<b>ready to use</b> if necessary, up to 2-5% drinking water
<b>TOOLS</b>	trowel for application and plastic skimming trowel for finishing

### APPLICATION SYSTEM

**SUBSTRATES:** civil plaster, concrete, prefabricated structures, fibre cement agglomerates, etc.

**SUBSTRATE PREPARATION:** substrates must be sound and firm, without salt efflorescence or active damp patches. Remove chalky old paintwork by pressure washing.

Do not apply to freshly applied or particularly alkaline substrates; wait for at least four weeks for full carbonation.

Apply an appropriate primer to metal construction parts.

	NEW SUBSTRATES		OLD NEVER PAINTED OR CHALKY SUBSTRATES		SUBSTRATES WITH OLD PAINT IN GOOD CONDITION	
<b>PRIMER</b>	–		Fondo 140	1 COAT	–	
<b>INTERMEDIATE</b>	Fondo P378	1 COAT	Fondo P378	1 COAT	Fondo P378	1 COAT
<b>FINISH</b>	Biquarz 1.0 1.5	1 COAT	Biquarz 1.0 1.5	1 COAT	Biquarz 1.0 1.5	1 COAT

### TECHNICAL SPECIFICATIONS (for contracts and quotations)

<b>GENERAL CHARACTERISTICS</b>	high-build acrylic anti-algae coating for exteriors.
<b>DRY RESIDUE</b>	85.0 ± 2% p/p
<b>SPECIFIC WEIGHT</b>	1.73 ± 0.05 g/cm <sup>3</sup> at 20°C



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## GENERAL INFORMATION AND NOTICES

Store the product in a cool place. Do not allow to freeze.

To avoid defects in formation film, do not apply in direct sunlight and windy conditions or at temperatures below 5°C.

Clean tools with water.

To avoid colour shade differences caused by the mineral origin of the quartz powders, we recommend using the same production batch on the same wall. Always finish application in corners, string courses or in any case in areas where the joints caused by continuing application are not visible.

*The technical information provided above is the result of careful laboratory testing and practical experience. Nevertheless, as the product is often used outside our control, we are unable to guarantee the quality of the end result. This information is subject to review by the Company.*

*Please carefully read the “GENERAL RECOMMENDATIONS”.*

**CQ Rev. 7 - January 2014**

***“In accordance with European Directive 2004/42/EC, the VOC values displayed on the packaging refer to the dilutions and thinners specified and to tinted products based on the formulations indicated by Boero Bartolomeo SpA.”***