



# Acris

## TDS

COD. 303/....

Acrylic siloxane anti-algae coating for exteriors, with micronised plastorites and selected fillers. High resistance to atmospheric agents, low water absorption and good vapour permeability make this product suitable for protecting and decorating new and renovated buildings.

A highly versatile and easily applied product, it has excellent hiding power and contains special fillers for effective masking of any small surface imperfections. Compliant with standards EN 15457 (resistance to fungal growth) and EN 15458 (resistance to algae) as a result of special additives that protect the film against moulds and lichens.

### TYPICAL CHEMICAL AND PHYSICAL CHARACTERISTICS

APPEARANCE	matt	
COMPOSITION	acrylic siloxane polymer binder in water emulsion	
SPECIFIC WEIGHT	1.60 ± 0.03 g/cm <sup>3</sup> at 20°C	
BROOKFIELD VISCOSITY	45,000 ± 5,000 cP	G6V10 at 20°C
DRY RESIDUE	70.0 ± 2% p/p	
PARTICLE SIZE	≤ 0.15 mm	UNI EN 1062-1
PERMEABILITY TO WATER VAPOUR	μ.s = Sd = 0.20 m	UNI EN ISO 7783-2 UNI EN 1062-1
WATER ABSORPTION	W = 0.08 kg/m <sup>2</sup> h <sub>05</sub>	UNI EN 1062-3
ALKALI RESISTANCE	alkali resistant	UNI 10795

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

### COLOURS

White,





### TYPICAL APPLICATION CHARACTERISTICS

<b>DRYING</b> (at 20°C and 65% R.H.)	<b>touch dry: 2-3 hours</b> <b>for re-coating: 8-12 hours</b> the paint film acquires all its properties after about a week
<b>EFFECTIVE COVERAGE</b>	<b>7-9 m<sup>2</sup>/L per coat</b> depending on substrate absorption
<b>DILUTION<sub>1</sub></b> (V/V)	<b>add 15-30% drinking water,</b> depending on substrate absorption and application tool
<b>TOOLS</b>	<b>brush, roller</b>

Tints derived from bases other than ACB (e.g. AC0) require less dilution, up to a maximum of 10-15%.

### APPLICATION SYSTEM

**SUBSTRATES:** masonry structures in general (civil plaster, pre-mixed products, fibre cement, etc.), new or already treated with old mineral or dispersion-based coatings.

**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 SUBSTRATES		SUBSTRATES WITH STATIC HAIR CRACKS OR SPOT REPAIRS	
<b>PRIMER</b>	Ariete fondo 318 or Fondo 2000	1 COAT	Ariete fondo 318 or Fondo 2000	1 COAT	Fondo di Collegamento*	1 COAT
<b>FINISH</b>	ACRIS	2 COATS	ACRIS	2 COATS	ACRIS	2 COATS

\* in some cases one coat of finish may be sufficient.



# Acris

## TDS

COD. 303/...

### TECHNICAL SPECIFICATIONS (for contracts and quotations)

GENERAL CHARACTERISTICS	acrylic siloxane anti-algae coating for exteriors with micronised plastorites and selected fillers; compliant with DIN 4108.3 on façade protection
DRY RESIDUE	70.0 ± 2%
SPECIFIC WEIGHT	1.60 ± 0.03 g/cm <sup>3</sup> at 20°C

### GENERAL INFORMATION AND NOTICES

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

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

*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. 3 - 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."***