



# Litosil Fondo 327

## TDS

COD. 327/....

Pigmented potassium silicate fixative with organic stabilisers for use as undercoat in high-build silicate painting systems.

The product forms a crystal lattice with the mineral substrate and may therefore only be applied to lime-based substrates in order to increase their weatherability and resistance to pollution.

Suitable as an undercoat for reinforced mineral systems.

### TYPICAL CHEMICAL AND PHYSICAL CHARACTERISTICS

APPEARANCE	matt	
COMPOSITION	potassium silicate and organic stabilisers	
SPECIFIC WEIGHT	1.35 ± 0.05 g/cm <sup>3</sup> at 20°C	
BROOKFIELD VISCOSITY	8,500 ± 1,000 cP	G6 V10 at 20°C
DRY RESIDUE	45.0 ± 0.5% p/p	

For reference standards, see "Key – technical data sheets"

### TYPICAL APPLICATION CHARACTERISTICS

DRYING (at 20°C and 65% R.H.)	<b>touch dry: 2-3 hours</b> <b>for re-coating: at least 24 hours</b> the complete silicatisation reaction may take one/two weeks
EFFECTIVE COVERAGE	<b>5-6 m<sup>2</sup>/L per coat</b> very rough substrates may reduce coverage
DILUTION (V/V)	<b>ready to use</b>
TOOLS	<b>brush, roller</b>

### COLOURS

White,





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### APPLICATION SYSTEM

**SUBSTRATES:** non-chalky lime or lime/cement based masonry structures.

**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.

### TECHNICAL SPECIFICATIONS (for contracts and quotations)

<b>GENERAL CHARACTERISTICS</b>	pigmented potassium silicate fixative with organic stabilisers for use as an undercoat in high-build silicate painting systems
<b>DRY RESIDUE</b>	<b>45.0 ± 0.5% p/p</b>
<b>SPECIFIC WEIGHT</b>	<b>1.35 ± 0.05 g/cm<sup>3</sup> at 20°C</b>

### GENERAL INFORMATION AND NOTICES

Mineral products must not be applied in direct sunlight or strong wind and in any case never at temperatures above 25°C or below 5°C. Protect glass and metal parts as potassium silicate has a very powerful aggressive action against these materials.

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

*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. 2 - April 2007**

***"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."***