



Fondo di Collegamento 0.3-0.5

TDS

COD. 320/... - 358/...

Pigmented potassium silicate-based mineral primer with organic binder, available in two particle sizes:

≤ 0.4 mm, code 320; ≤ 0.6 mm, code 358.

Used as preparatory base coat on old substrates coated with synthetic products before applying Litosil or other mineral finishing products.

Equalises differences in substrate absorption and improves the appearance of spot repairs or irregularities.

Has a special structure that hides static hair cracks caused by plaster shrinkage.

TYPICAL CHEMICAL AND PHYSICAL CHARACTERISTICS

APPEARANCE	granulated matt	
COMPOSITION	organic polymer and potassium silicate binder	
SPECIFIC WEIGHT	1.55 ± 0.05 g/cm ³ at 20°C	
BROOKFIELD VISCOSITY	15,000 ± 2,000 cP	G6 V10 at 20°C
DRY RESIDUE	65.0 ± 0.5% p/p	
PARTICLE SIZE	≤ 0.4 mm ≤ 0.6 mm	Code 320 Code 358 UNI EN ISO 1062-1
PERMEABILITY TO WATER VAPOUR	μ.s = Sd = 0.04 m Referred to ≤ 0.4 mm Code 320	UNI EN ISO 7783-2 UNI EN 1062-1
WATER ABSORPTION	W = 0.12 kg/m ² h ^{0.5} Referred to ≤ 0.4 mm Code 320	UNI EN 1062-3

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

COLOURS

White,





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TYPICAL APPLICATION CHARACTERISTICS

DRYING (at 20°C and 65% R.H.)	touch dry: 3-4 hours for re-coating: at least 24 hours the complete silicatisation reaction may take one/two weeks
EFFECTIVE COVERAGE	2-2.5 m²/kg per coat code 320 (1.8-2.2 m²/kg code 358) very rough substrates may reduce coverage
DILUTION (V/V)	ready to use if necessary up to 3% drinking water
TOOLS	brush, roller

APPLICATION SYSTEM

SUBSTRATES: non-chalky masonry structures in general (plasters, brickwork, cement, 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.

On particularly absorbent new substrates we advise applying an undercoat of LITOSIL FONDO 321.

TECHNICAL SPECIFICATIONS (for contracts and quotations)

GENERAL CHARACTERISTICS	pigmented primer based on potassium silicate and high stability organic binders, available in two particle sizes: ≤ 0.4 mm, code 320; ≤ 0.6 mm, code 358.
DRY RESIDUE	65.0 ± 0.5% p/p
SPECIFIC WEIGHT	1.55 ± 0.05 g/cm³ at 20°C



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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. 3 - June 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."