Scheda Tecnica

SILINTONACO G.F. / G.M.





- Silicate-based filler
- High breathability
- Anti - mold

Code	0844
Description	Wall coating based on modified potassium silicate, inorganic pigments and mineral fillers that react with the substrate, consolidating it. Featuring high breathability, it preserves the substrate from mold formation by virtue of the high alkalinity of the silicate.
Use	Can be applied to old and new plasters based on hydraulic binders as a filler and as a substrate uniforming agent. Can be used on old paints, both organic and mineral, as long as they are absorbent and cohesive.
Appearance of the film	Matt
Color	White - color chart
Component	1
Hardening	Physical by evaporation of water and coalescence of polymer.

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Specific weight	1,860 gr/ml
Degree of liquid water transmission (permeability) Standard EN 1062-3	w=0.346 kg/(m2h0.5) Class W2 (medium permeability) Requirements UNI EN 15824: 2009 - Declare category W
Degree of water vapor transmission (permeability) Standard EN ISO 7783-2	Sd= 0.9642 m Thickness = 1677 µm µ = 575 Class V2 (medium permeability) UNI EN 15824: 2009 requirements - Declare category V
Volume of solids	51%
Determination of adhesion by direct traction - Standard EN 1542	fh = 1.1 MPa Requirements UNI EN 15824: 2009 - >= 0.3 MPa
VOC	120 gr/liter
Durability - Standard EN 13684-3	fh = 1.3 MpA Requirements UNI EN 15824: 2009 - >= 0.3 MPa
Thickness of the film	1 mm= 1000 micron 1,5 mm= 1500 micron
Thermal Conductivity - Standard EN 1745	?10.dry = 1.17 W/m.K (P=50%) ?10.dry = 1.28 W/m.K (P=90%) Requirements UNI EN 15824: 2009 - >= Dichiarare valore ?
Estimated yield	1 mm= Kg. 1,500 kg/mq (G.F.). 1,2 mm= Kg. 2,500 kg/mq. (G.M.)
Fire reaction	Euroclass F

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Flash point	Component A > 114°C
Elongation%	200 for a dry thickness of 500 microns
Washability	> 10000 shots
Surface preparation	Plasters: Ensure that the substrate has passed a curing time of 28 days and that its moisture content is less than 10%. Remove by washing and brushing any efflorescence. Old paintwork should be totally removed. Any leveling or redoing should be done with mortars compatible with potassium silicate (pre-mixed plasters, lime, cement). Plasters: Ensure that the substrate has passed a curing time of 28 days and that its moisture content is less than 10 percent. Remove by washing and brushing any efflorescence. Old paintwork should be totally removed. Any leveling or resurfacing should be done with mortars compatible with potassium silicate (pre-mixed plasters, lime, cement). Old surfaces: Remove dust and old paint that is coming off, widen any cracks and fill them with filler. Completely remove old lime or tempera paints. If mold is present, provide an appropriate anti-mold treatment. Prime surfaces with a silicate-based fixative.
Preparation of the product	Ambient temperature: + 8 to 40°C Support temperature: > than 5°C Humidity: 0 to 75 %. To prevent condensation, it is necessary for the substrate temperature to be at least 3°C above the dew point.
Precautions	Do not apply where there is surface condensation or under direct sunlight. The moisture content of the substrate should be less than 10%. Protect for at least 48 hours from rain.
Drying and curing times	Drying time depends on environmental conditions: temperature, humidity , substrate and thickness. Minimum 24 hours
Application	Plastic trowel Spread the product evenly on the substrate and even it out before spinning begins
	1 year in a cool and dry place (max 40° C)

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shelf life	
Packs	Comp A Kg. 25,000

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