

Onice



Potassium silicate filler

High water vapor permeability

Excellent weather resistance



Code

0756

Description

It is a mineral filler based on modified potassium silicate, selected fillers and pigments resistant to natural light, suitable for interior and exterior use. Potassium silicate reacting with carbon dioxide in the air gives rise to a strongly alkaline chemical reaction called silicification. This chemical process leads to the consolidation of the substrate all the way down, thus eliminating the phenomenon of flaking. Once dry, it creates a coating without film formation, with high permeability to the passage of water vapor, excellent resistance to aging, good resistance to weathering, good resistance to temperature changes, and very low dirt retention

Use

ONICE gives the substrate an antiqued finish typical of lime-based marbling is particularly recommended for historic buildings and new constructions with untreated plaster for both interior and exterior use and where excellent weathering resistance and high water vapor permeability are required. It is applied to mineral, unpainted plaster previously treated with silicate primer

Film appearance

Self-polishing

Component

1

Hardening	Chemical reaction	
Density	1.800 gr/ml	
VOC	18 gr/ litro	
Theoretical coverage	From 0,8 a 1,0 kg/mq on smooth substrates in the medium absorption.	
flash point	> 100°C	
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 resurfacing should be done with mortars compatible with potassium silicate (pre-mixed plasters, lime, cement). In the presence of mold perform an appropriate restorative treatment.	
Paint preparation	ONICE: Ready to use Silicate primer diluted with water 1/1	
Environmental conditions	Ambient temperature: da + 15 a 30°C Support temperature: > di 10°C Humidity: 0 - 75 % To prevent condensation, the substrate temperature must be at least 3°C above the dew point. Avoid application where there is excessive condensation or under direct sunlight.	
Drying and hardening time	20°C	30°C
	45min	20 min
	6	4 ore
Time of overpainting	20°C	30°C
	12-24	12-24
	Maximum unlimited in the absence of contaminants	

Application

Steel trowel.

Apply one coat of silicate primer, allow to dry and apply the first coat of marmoreal using the steel trowel in circular motions, covering the entire surface. When completely dry, apply a second coat of marmoreal in the same manner as the first. When dry, polish with the steel trowel held flush.

Shelf life

1 year in a cold, dry (min 5°C max 35°C)

Packs

Kg.2; kg 10; kg.20

Warnings

Do not apply to uncured or damp surfaces
Do not apply to non-absorbent or already painted surfaces
Do not apply on sunny surfaces or in strong winds
Do not apply in rainy weather