Scheda Tecnica

# Onice







- Potassium silicate filler
- High water vapor permeability
- Excellent weather resistance

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| 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 |

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| 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:<br>Ensure that the substrate has passed a curing time of 28 days and that its moisture content is less than 10%.<br>Remove by washing and brushing any efflorescence.<br>Old paintwork should be totally removed.<br>Any leveling or resurfacing should be done with mortars compatible with potassium silicate ( pre-mixed plasters, lime, cement).<br>In the presence of mold perform an appropriate restorative treatment. |
| Paint preparation | ONICE: Ready to use<br>Silicate primer diluted with water 1/1 |
| Environmental conditions | Ambient temperature: da + 15 a 30°C<br>Support temperature: > di 10°C<br>Humidity: 0 – 75 %<br>To prevent condensation, the substrate temperature must be at least 3°C above the dew point.<br>Avoid application where there is excessive condensation or under direct sunlight. |
| Drying and hardening time | 20°C 30°C<br>Dry to touch 45min 20 min<br>Dry in depht 6 4 ore |
| Time of overpainting | Max (h) 20°C 30°C<br>12-24 12-24<br>Maximum unlimited in the absence of contaminants |

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| Application | Steel trowel.<br>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<br>Do not apply to non-absorbent or already painted surfaces<br>Do not apply on sunny surfaces or in strong winds<br>Do not apply in rainy weather |

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