



Paint on the basis of Roman cement

Data sheet

Product: Cement paint, industrially prepared, for applying on historical surfaces.

Ingredients: Roman cement, quartzitic filler, additives.

Use: Dry paint destined for painting mineral grounds like Roman plasters, cement-calcareous plasters, calcareous-sandy plasters, natural stone and brick and for the renovation of damaged surfaces of architectural decorations.

Technical information:

Granulation of dry paint: 0-0,1 mm
Bulk density of fresh paint: ok. 1,2 kg/m³
Bulk density of dry paint: ok. 1,0 kg/m³
Lifetime of working features: ok. 60 min
Water steam permeability factor: ok. 1,1 S_d /m/
Superficial absorbability factor: 0,1 [kg/m²h^{0,5}]
pH value: ok. 11
Fire reaction: A1

Working features:

Proportion of water to dry paint: 0,65/1(l/kg)
Time of paint's application: 60 min
Efficiency: 0,25 (kg/m²/mm)
Temperature of paint applying: +5 to +25°C

Applying instruction: The ground must be well prepared for the application of paint – it must be dry, free from dust, ice, efflorescence and other substances aggravating adhesion. For the ground equalization it is necessary to use mortars on the basis of Roman cement. Paint in the quantity foreseen to the single use ought to be prepared through pouring the mixture into the water with an addition of RH ground preparation in the quantity water/solution 1:4 and through mechanical mixing. At the beginning of work constant proportion of components should be settled, so that following dosages were prepared in the same way (different proportions of components can cause the occurrence of chromatosises).

Paint can also be applied in several layers, according to „wet on wet” rule. Hard-set paint cannot be mixed once more with water or with fresh material and used again for painting. Grounds strongly and asymmetrically absorbable, the same as those raising dust should be completely covered with the ground preparation RH. It is recommended also for the improvement of the adhesion of the put layer on the historic ground. All works ought to be lead at the rainless weather, small insolation and light breeze. In case of the necessity of the execution of works some protective covers limiting the climatic influence should be used.

Tools cleaning: With fresh water, directly after finishing the work.

Packaging: 5, 10, 25 kg bags.

Storage: Up to 6 months from the date of production, in free from damage, factory packagings, in dry places.

Warning: After mixing it with water product has an alkaline reaction. One should avoid contact with skin and protect the eyes. In case of contact with eyes they should be washed with water. Also medical consultation would be necessary.

Documents: Paint has hygienic certificate of National Institute of Hygiene no. HK/B/1555/02/2009.