

Technical qualities

MARMORA ROMANA by Oikos is a decorative coating for interiors that has been formulated using high quality mineral and marble aggregates and the latest generation of acrylic resins making the product vapour permeable and giving it an excellent level of resistance and washability. The versatility of the product and the ease of its application make it an extremely classy finish perfect for creating unique and authentic effects. MARMORA ROMANA, only available in white, gives an intense feeling of purity and prestige that finds however, its perfect use in free minded and imaginative design. Creativity and light on the wall for a unique interpretation of an antique style brought into the future in this innovative product.

Ideal use

Decoration of interior surfaces.

Surface preparation

New surfaces should be thoroughly dry and mature.

For powdering surfaces or surfaces that are not very compact with old coats of paint, proceed to clean and scrape the surface removing all loose and crumbling material. Apply one coat of CRILUX or NEOFIX by Oikos.

Following this, apply one or two coats, according to requirements, of FONDO MURALES by Oikos to obtain a white, even surface. Wait at least 6 hours before applying the finish product.

Application method

Apply the product, following the specific indications for each individual effect. Varying the thickness of the product applied, it is possible to achieve effects of differing intensity. Greater thicknesses cause minute fissures in the surface making the decoration even more realistic and antique.

Marmora Armonia: apply a coat of MARMORA ROMANA, using an inox steel trowel. Wait approximately 20 minutes to allow the product to partially dry then pass back over the wall with a clean trowel in an uneven manner to slightly roughen the surface.

Marmora Filante: apply by inox steel trowel, a slightly thicker than normal coat of MARMORA ROMANA, Immediately drag the Tampon by Oikos (art.102) over the surface to create horizontal and vertical lines. Every now and again, eliminate the accumulations of product that build up on the tampon.

The product

Composition	latest generation acrylic binders, marble powder in selected grain sizes (max 0,7mm), inorganic, titanium dioxide based pigments.
Specific weight	1,7 kg/l ±3% (white)
Granulometry	Max 0,7mm
pH	8 ÷ 9
Viscosity	Paste
Storage temperature	+2°C ÷ +36°C. Keep from freezing
Water absorption	Class W3 (Low permeability) w = 0,041 kg/(m ² h ^{0.5}) (EN 1062-3:2001)
Permeability to water vapour	Class V2 (Medium permeability) Sd=1,03 m (EN ISO 7783-2:2001)
Adhesion and resistance to detachment	2,8 MPa, vreak A/B 60% and type B 30% (UNI EN ISO4624:2006)
Measurement of bond strength by pull off	fh = 0,3 MPa (min. fh > 0,3 MPa) (EN 1542:2000)
Durability	fh = 0,3 MPa (min. fh > 0,3 MPa) (EN 13687-3: 2003)
Thermal conductivity	λ10,dry= 1,28 W/mK (P=90%) (EN 1745: 2005)
Reaction to fire	Euroclass F (EN 13501: 2009)
CE Labelling	Conforms (EN 15824: 2009)
Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE	<ul style="list-style-type: none"> • Classification: A/I • VOC: 10g/l (max) • Limit Phase I (from 1.1.2007): 75g/l • Limit Phase II (from 1.1.2010): 40g/l
Colours	White
Packaging	Kg 5 – 20

Marmora Lunare: apply MARMORA ROMANA by inox steel trowel in random patches of varying thicknesses over the whole surface. Immediately dab over the entire surface using the Marine Sponge (art.108); a surface will be created that is roughened up all over and that has uneven quantities of product distributed over the surface. Wait approximately 20 minutes to allow the product to partially dry and then squash the roughened up surface by applying slight pressure over it with the Imperium Glove (art.115).

Marmora Marina: apply by inox steel trowel, a slightly thicker than normal and uneven coat of MARMORA ROMANA, Wait approximately 20 minutes to allow the product to partially dry and then brush over the surface with the tip of a clean, dry, paint brush (a long bristled brush is recommended).

Marmora Materia: apply by inox steel trowel, a slightly thicker than normal and uneven coat of MARMORA ROMANA. Immediately work

over the product with a cloth roller (art.117) to obtain the decoration. Wait approximately 20 minutes to allow the product to partially dry and then dab the roughened up areas of the surface to flatten them using the Imperium Glove (art.115).

Marmora Arcadia: apply by inox steel trowel, a coat of MARMORA ROMANA. Immediately create circles over the whole surface by twisting the Bristle Pad (art.135); we recommend that the circular designs over the surface should be accentuated by repeating each one with Tool for Cor du Roy effect (art.133). The circles created should fill the whole surface. Wait approximately 20 minutes until the product is partially dry and then pass over each circle again with the narrow part of the trowel turning it to follow the form of each circle. Parts that have been missed can be touched up with the same tool. Following this dab the crests on the surface flattening the using the Imperium Glove (art.115).

Safety information

The product is free of heavy metals such as lead or chrome. It does not contain toxic solvents, aromatics or chlorides. There is no risk of any dangerous polymerisation. The product is to be considered non dangerous if used in a technically correct manner. Normal cautionary measures for the handling of water based paints are advised. No special arrangements are required for the storage, movement and transportation of the product; the containers, residue, eventual spilt material should be cleaned up using absorbent inert material such as sand, soil etc. etc. and then disposed of in accordance with the regional and national regulations in force at that time. Transportation must be carried out in accordance with international agreements.

Specification

New surfaces should be thoroughly dry and mature.

For powdery surfaces or surfaces with old coats of paint that are not well adhered to the surface, proceed to scrape away all loose and flaking material and apply a coat of an acrylic sealer such as CRILUX or NEOFIX by Oikos.

Apply one or two coats, according to needs, of a base coat such as FONDO MURALES by Oikos in order to have an even white surface.

Following this, apply a decorative coating for interiors such as MARMORA ROMANA, using the tool recommended in the application methods indicated for the specific desired effect (see technical data sheet). All should be realised fully respecting application norms and with a cost of..... per m²

The application

Dilution	Ready to use
Yield	<ul style="list-style-type: none">• Armonia: 1,7 Kg/m² according to the surface and the thickness applied• Filante: 1,7 Kg/m² according to the surface and the thickness applied• Lunare 2,8 Kg/m² according to the surface and the thickness applied• Marina: 1,1 Kg/m² according to the surface and the thickness applied• Materia: 2,5 Kg/m² according to the surface and the thickness applied• Arcadia: 1,5 Kg/m² according to the surface and the thickness applied
Application tools	Inox steel trowel Frattazzo inox, Tampone, Guanto Imperium, Spugna Marina Pennello, Rullo in Tessuto, Tampone in setola, Tampone Millerighe
Primers	CRILUX, NEOFIX
Basecoats	FONDO MURALES by Oikos
Application temperature	+5°C ÷ +36°C (con umidità relativa non superiore a 80%)
Drying time until touch dry	2 ÷ 3 h (temperatura = 20°C con umidità relativa a 75%)
Total drying time	12 ÷ 14 h (temperatura = 20°C con umidità relativa a 75%)
Time until possible to paint over	6 ÷ 8 h (temperatura = 20°C con umidità relativa a 75%)
Tools cleaning	Water