



MARMODURITE

plaster made from italian natural marble chips

Description	Ready-to-use plaster, composed of: acrylic binders in aqueous emulsion, marble chips in selected grain sizes, additives, bactericides, water-repellents.		
	specific weight		2,00-2,04
	pH		8-9
	thinner		water
	after drying the binders are transparent and the grains of the various marbles remain visible		
Characteristics	environmental classification		A
	artificial aging test		no visible alterations
	(after 10 cycles 24 h. water/hot immersion + 80°C; 10 cycles 24 h. water/cold immersion - 10°C)		
	dry adhesion on mineral plaster (tear)		0,98 MPa
	dry peeling		12.9 N on 1 cm of band
	peeling after 2 hours. immersion in water		3.3 N on 1 cm of band
	peeling after water/hot aging		14.3 N on 1 cm of band
	peeling after water/cold aging		14.0 N on 1 cm of band
	blistering after aging		absent
	(12 days at + 38°C, 24 hours at + 50°C, 24 hours at + 80°C)		
	water vapor permeability at +38°C		45-54 g/m2 in 24 h.
	Marmodurite forms a continuous, protective and decorative coating, a few millimeters thick. It resists saline and industrial atmospheres, water, impacts and abrasions. It follows the normal thermal expansion of the supports		
Safety	no requirement for specific labelling		
Storage	1 year in the original packaging if stored between +5°C and +40°C		
Supports	It is applied, externally and internally, on cement mortars, concrete, prefabricated panels, plasters, old water-based paints and plasters that are well preserved and adherent to the support. These grounds must be absorbent, flat, clean, healthy and dry. Prefabricated buildings must not contain traces of disarming agents. Old or crumbling surfaces must be cleaned and consolidated. Do not apply on surfaces subject to rising damp.		
Laying Rules	Laying and drying must be carried out between + 5°C and + 35°C, away from bad weather or excessive sun		
Laying	Apply a coat of Medium Grain Fixaquarz, tinted in a color suitable for the color of the subsequent Marmodurite. After drying, stir Marmodurite vigorously until it takes on a foamy appearance and spread a layer with a stainless steel spatula: Laying, smooth the coat so that it is evenly distributed and, when the material begins to thicken, smooth it again carefully with the spatula, kept clean and moist.		
	workability		from 30' to 3 hours
	out of water		from 2 to 6 hours
	complete maturation		from 2 to 3 weeks
	The times indicated vary according to climatic conditions and the absorption of the substrate		
Consumption	Fine Grain	max. grain 1,2 mm.	3,0-3,5 kg/m2
	Medium Grain	max. grain 1,8 mm.	4,5-5,5 kg/m2

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