



GECO CEMENT Plaster

BREATHABLE CEMENT-BASED PLASTER WITH FIBRES AND CIVIL FINISH

GECO CEMENT - Plaster		
Breathable cement-based plaster with fibres and civil finish		
WHY CHOOSE IT	<ul style="list-style-type: none"> · Its specific weight allows very thick applications (> 20 mm per coat). · Waterproof and breathable, ideal for the rehabilitation of damp walls. · Anti-sagging additives ensure excellent surface uniformity. · Mineral fibres improve impact resistance. · Soft and workable, it reduces application effort and time on site. · Controlled hydraulic shrinkage minimises fissures and cracking. 	
MAIN USES	<ul style="list-style-type: none"> · Plastering of damp walls and ceilings in one or more coats, indoors and outdoors. · Rehabilitation mortar (EN 998-1 R). 	
	SUITABLE SUBSTRATES	PREPARATION
	<ul style="list-style-type: none"> · Concrete. · Aerated concrete. · Masonry and plasters. · Terracotta, bricks, stone. · Mortars of any type. · Cement-based materials in general, provided their water absorption is not excessive or completely absent. 	<p>If release agents (dust, debris) or lubricants (greases, waxes, detergents) are present on the surface to be treated, carry out thorough cleaning and/or light abrasion. Pour $\frac{3}{4}$ of the mixing water into a clean container, add the powder and mix for approximately 3 minutes using a slow-speed mixer, gradually adding the remaining mixing water until a homogeneous paste is obtained.</p>
APPLICATION DATA	Aspect:	grey powder
	Maximum particle size:	1.5 mm
	Open time:	30 minutes from mixing
	Thickness per coat:	5 - 30 mm
	Number of coats:	1+
	Yield:	1.35 kg/m ² per mm
	Fresh density:	1670 ± 30 g/dm ³
	Water:	4.25 - 4.75 L/bag (17% - 19%)
	Mixing time:	3 minutes
	Packaging:	25 kg bags
	Application and curing temperature:	between +5 °C and +35 °C
	Storage in a dry place:	12 months from date of production
APPLICATION	<ul style="list-style-type: none"> · Immediately before application, the substrate must be dampened until it reaches SSD (Saturated Surface Dry) condition. · Apply a first well-compacted bonding layer with a trowel, on which further fresh product can be loaded, up to a total thickness of 30 mm. Level with a trowel and straightedge if necessary. · After approximately 1.5 - 2 hours, the product can be floated to obtain a completely smooth or slightly roughened finish. · After 24 hours it can be covered and/or painted, and a second coat can be applied onto the hardened first layer (for applications with thicknesses > 30 mm). · For machine-applied applications, contact the <i>Edilteco Technical Department</i>. 	

TECHNICAL CHARACTERISTICS EN 998-1 R	CHARACTERISTIC	PERFORMANCE	STD. REQUIREMENT
	Compressive strength:	CS II	CSI-CSIV
	Adhesion and failure pattern:	> 0.6 MPa	> 0.5 MPa
	Capillary absorption and water permeability:	W0	W0 - W2
	Water vapour permeability coefficient:	dk ≤ 13	dk ≤ 20
	Thermal conductivity:	0.40 [W/m*K]	declared value
	Fire reaction class:	A1	A1
GENERAL PRECAUTIONS	<ul style="list-style-type: none">· Do not carry out partial mixing and do not add additives or solvents other than clean water at ambient temperature.· Do not use bags that are torn, previously opened or containing hardened or lumpy material.· Do not add extra water to material that has already been mixed.· While still fresh, the product must be protected from bad weather and from excessively rapid drying (by shielding it from direct sunlight and wind) for at least 48 - 72 hours after application.· The data and times given here refer to controlled conditions of +21 °C and 65% R.H. Higher temperatures may accelerate them, while lower temperatures may slow them down and can stop them completely below +5 °C.· Clean tools with water while the material is still fresh.		
All the indications provided in this technical data sheet are purely approximate and not binding for legal purpose. The data listed has been gathered from laboratory tests and it hence follows that in practical applications on building sites the final characteristics of the products may be subject to substantial variations depending on the meteorological conditions and the installation. The user must always check suitability of the product for its specific use, undertaking all liability implicit in and deriving from use of the product, as well as comply with all methods and instructions for use generally referable to "workmanlike" execution. Edilteco S.p.A. reserves the right to change the contents of this mechanical data sheet on its final judgements. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.			