



GECO CEMENT Finish

UNIVERSAL CEMENT-BASED, MINERAL AND FIBRE-REINFORCED SKIMMING COAT

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Universal cement-based, mineral and fibre-reinforced skimming coat

<p>WHY CHOOSE IT</p>	<ul style="list-style-type: none"> · Strong adhesion to all common building substrates (> 0.5 MPa). · Stable under weather exposure thanks to its low absorption. · Water vapour permeable. · High regularising capacity on uneven surfaces (5 mm per coat). · Mineral fibres improve impact resistance. · Soft and workable, it reduces application effort and time on site. · Its thixotropic consistency makes it ideal for overhead applications. · Controlled hydraulic shrinkage minimises fissures and cracking. · Does not require levelling products before painting or decorating. 																									
<p>MAIN USES</p>	<ul style="list-style-type: none"> · Skimming coat on all types of building surfaces, particularly insulating panels in ETICS systems. · Skimming coat and bedding of blocks and surfaces in aerated, cellular concrete and similar materials. · Finishing coat on cement-based and dehumidifying cement-based plasters. · General-purpose mortar (EN 998-1 GP). 																									
	<p style="text-align: center;">SUITABLE SUBSTRATES</p> <ul style="list-style-type: none"> · Concrete. · Autoclaved aerated concrete. · Plasters and mortars of any type. · Terracotta, bricks, stone. · Cement-based materials in general, provided their water absorption is not excessive or completely absent. · Cement-based rehabilitation cycles. 	<p style="text-align: center;">PREPARATION</p> <p>If the substrate is not sufficiently solid and cohesive, it must be repaired with a suitable scratch coat. 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>																								
<p>APPLICATION DATA</p>	<table border="1"> <tr> <td>Aspect:</td> <td>grey or white powder</td> </tr> <tr> <td>Maximum particle size:</td> <td>0.8 mm</td> </tr> <tr> <td>Open time:</td> <td>30 minutes from mixing</td> </tr> <tr> <td>Thickness per coat:</td> <td>2 - 3 mm</td> </tr> <tr> <td>Number of coats:</td> <td>1 - 3</td> </tr> <tr> <td>Yield (skimming coat):</td> <td>1.3 kg/m² per mm</td> </tr> <tr> <td>Fresh density:</td> <td>1600 g/dm³ ± 40</td> </tr> <tr> <td>Water:</td> <td>5.3 - 5.8 L/bag (21% - 23%)</td> </tr> <tr> <td>Mixing time:</td> <td>3 minutes</td> </tr> <tr> <td>Packaging:</td> <td>25 kg bags</td> </tr> <tr> <td>Application and curing temperature:</td> <td>between +5 °C and +35 °C</td> </tr> <tr> <td>Storage in a dry place:</td> <td>12 months from date of production</td> </tr> </table>		Aspect:	grey or white powder	Maximum particle size:	0.8 mm	Open time:	30 minutes from mixing	Thickness per coat:	2 - 3 mm	Number of coats:	1 - 3	Yield (skimming coat):	1.3 kg/m ² per mm	Fresh density:	1600 g/dm ³ ± 40	Water:	5.3 - 5.8 L/bag (21% - 23%)	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
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<p>APPLICATION</p>	<ul style="list-style-type: none"> · Apply a first coat with a smooth steel trowel, embedding the alkali-resistant mesh where required, laid in vertical strips overlapping by at least 10 cm. · After at least 24 hours, apply a second coat and finish with a sponge float. A third coat is required in the case of very irregular substrates or to provide additional impact resistance. 																									



	CHARACTERISTIC	PERFORMANCE	STD. REQUIREMENT
TECHNICAL CHARACTERISTICS EN 998-1 GP	Compressive strength:	> 5 MPa (CS III)	Classes I-IV
	Dry density:	1400 ± 30 kg/m ³	-
	Adhesion strength (on EPS) and failure pattern:	≥ 0.16 MPa - pattern B (substrate failure)	-
	Adhesion strength (on terracotta) and failure pattern:	≥ 0.50 MPa - pattern B (substrate failure)	-
	Capillary absorption (class):	> 0.3 kg/m ² after 24 h	≥ 0.3 kg/m ² after 24 h
	Capillary rise:	W0 (non-absorbent)	Classes W0 - W1 - W2
	Water vapour permeability μ:	≤ 20	-
	Thermal conductivity:	< 0.45 W/mK	-
	Fire reaction class:	A1 (non-combustible)	A1-F
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. 		
<p>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.</p>			