



ISOLTECO® RASATURA MONOCAP

SINGLE-LAYER LEVELLING SMOOTHING
MORTAR FOR ROUGH BASE SCREEDS

ISOLTECO® RASATURA MONOCAP

Single-layer levelling smoothing mortar for rough base screeds

PRODUCT	Ready to use levelling mortar in powder for manual and mechanical application. Grey colour.
COMPOSITION	Hydraulic lime, cement, aggregates and additives.
PACKAGING AND STORAGE	<ul style="list-style-type: none"> · Bag of: 25 kg · Pallet: 48 bags = 1200 kg · Store on pallet in a dry place and use within 6 months.
FIELDS OF APPLICATION	<p>Levelling mortar permeable to water vapour, with good workability.</p> <p>Suitable for: rough surfaces, lime and cement-based surfaces, thermal insulating plasters (type Isolteco® 150), thermal dehumidifying plaster (type Isolsan® 230) and refurbishment cycles (type Drymix). To be used before the application of finishing and paints, for internal and external use.</p>
CONSUMPTION	Approx. 1,3 kg/m ² per mm of thickness.
SURFACE PREPARATION	The surface must be dry, without frost and dust, not water repellent, free from efflorescence, solid and compact. Manual mixing: use a low speed mixer and slowly pour the product into clean water, let it rest for approx. 5 minutes and then mix again.
APPLICATION	<p>Mixing water: hydrate with clean water, approx. 5,5 - 6,5 liters/bag.</p> <p>Laying: apply with a rust-free metal trowel with a thickness of at least 4 mm. It is also possible to apply a mesh into the thickness of the material.</p> <p>Minimum thickness: 1 mm. Maximum thickness: 5 mm.</p>
WARNINGS	<ul style="list-style-type: none"> · Apply Isolteco® Rasatura Monocap on Isolteco® 150, Isolteco® Light 110 and Isolsan® 230 not before than 7 - 10 days, and always after the completed curing. · Apply Isolteco® Rasatura Monocap with thickness between 4 and 5 mm with the interposition of the mesh (mandatory) on Isolteco® Light 110. · Apply Isolteco® Rasatura Monocap with thickness between 4 and 5 mm on Isolteco® 150 and Isolsan® 230. · Do not apply with temperatures under +5 °C or if in case of frost. · Do not add other products. · The applied product must dry and harden for at least 5 days before the application of the finishing plaster. · An additional finishing can be made with: fine dry mortar type Isolteco® Rasatura Monocap (grain size 0,6 or 1,0 mm); silicate coloured finishing in paste type Ecap® STC; silossanic coloured finishing in paste type Ecap® SC.
CLASSIFICATION	Isolteco® Rasatura Monocap is non-combustible and belongs to A1 class (96/603/CE and EN 13501-1).



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TECHNICAL CHARACTERISTICS	Grain size:	1 mm	-
	Compressive strength (28 days):	> 2,5 N/mm ²	UNI EN 1015-11
		CS II	UNI EN 998-1
	Adhesion:	≥ 0,5 N/mm ² - FP: A,B,C	UNI EN 1015-12
	Resistance to water vapour diffusion μ:	approx. 15	UNI EN 1015-19
	Water absorption by capillarity:	W0	UNI EN 998-1
	Thermal conductivity λ:	0,47 W/mK	UNI EN 1745
	Specific heat:	1000 J/kgK	UNI EN 1745
Durability (against frost / thaw):	NPD	UNI EN 1015-21	

All the indications provided in this technical sheet are purely approximate and not binding for legal purpose. The data listed has been gathered from laboratory test and it hence follows that in practical applications on building sites the final products may be subject to variations depending on 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 instruction 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 judgment. The spreading of this data sheet through any media, supersedes and cancels the validity of any other technical data sheet previously published.



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