



DRYMIX 10.0



**PREMIXED, MACRO-POROUS, DEHUMIDIFYING
AND FIBRE-REINFORCED PLASTER**

DRYMIX 10.0

Premixed, macro-porous, dehumidifying and fibre-reinforced plaster

COMPOSITION	Ready to use premixed macroporous dehumidifying plaster, fibre-reinforced, composed of hydraulic natural lime and water binders, classified sands and fibres.
PACKAGING AND STORAGE	<ul style="list-style-type: none"> · Bag of 25 kg. · Pallet of 25 bags = 1200 kg. · Available in "mechanical" or "manual" application versions. · Store in the original packaging, in a dry place and away from humidity. Use it within 6 months.
FIELDS OF APPLICATION	<p>Dehumidifying base plaster for refurbishment, for internal and external use, particularly indicated for interventions on historic buildings.</p> <ul style="list-style-type: none"> · Refurbishment of masonry affected by rising damp. · Elimination of residual humidity in masonry structures. · Adjuvant for the elimination of condensation on surface and/or partition wall. · Supplement for chemical (Drystop H) or physical (walls cut) barriers, such as barriers for the rising damp. · The use is not recommended in case of water infiltration.
CONSUMPTION / YIELD	Approx. 14 kg/m ² per cm of thickness.
SUPPORT PREPARATION	The support must be solid, free of dust, frost, salt blooming and not waterproof. It is recommended to previously apply a layer of scratch coat, such as Drymix Spritz or Tecosol against salt efflorescences. Moisten the surface according to the type of support and its absorbing power.
APPLICATION	<p>Drymix 10.0 must not be mixed with other products.</p> <p>Mechanical application with plastering machine: Drymix 10.0 can be mixed with any type of plastering machine. For a good yield, it is recommended the use of a turbo or mini turbo.</p> <p>Manual application: use 5 L of water every bag. Pour one bag into about 5 L of clean water into the cement mixer and start mixing. Do not add any other additives or gypsum. Mix for 5 - 7 minutes but not more than 10 minutes. Apply the plaster within one hour with a trowel or an american spatula.</p> <p>Application on site:</p> <ul style="list-style-type: none"> · Thickness min. 2 cm, max. 5 cm: apply a first layer of 1 cm of Drymix 10.0. After the adhesion apply a second layer (max 2 cm per coat). In case other layers are necessary, wait for the adhesion of the previous one. For thickness over 3 cm it is mandatory to use a fiberglass mesh 140 - 160 g/m² in the last layer of the macroporous dehumidifying plaster. · Lay a thin layer of finishing Drymix Fein 14.0 within 24 hours from the application of the last layer of Drymix 10.0. · Total application thickness: minimum 2 cm from the most protruding stone/brick. For walls with thickness over 25 cm, the minimum thickness of 2 cm must be proportionally increased (consult <i>Edilteco Technical Department</i>) · If the masonry walls to be treated are intersected by walls or partition walls, apply Drymix 10.0 also on these walls.



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APPLICATION	<p>Finishing to be painted: apply a thin layer of Drymix Fein 14.0 (or similar) within 24 hours from the application of the last layer of Drymix 10.0. After its curing, lay a perspirant paint, type Ecap® STP Silicate Paint or Ecap® SP Silicone Paint, after the treatment with Ecap F® Fixative. Lime-based paints are suitable.</p> <p>Coloured and perspirant finishing: it is recommended the use of Ecap® SC Silicone Paint or Ecap® STC Silicate Colour, to be applied directly on the base plaster after the treatment with Ecap® F Fixative.</p>		
WARNINGS	<ul style="list-style-type: none"> · If the masonry has been actively treated with the liquid inhibitor of salt blooming (antisalt) Tecosel, the next application of Drymix 10.0 must be done not before 12 hours and not after 72 hours from Tecosel. In case of use of other inhibitors, strictly adhere to the manufacturer's specific indications. · Do not apply under direct sunlight or with temperatures higher than + 35 °C. If the plastering is done under direct sunlight, the necessary safety measures (such as nets to cover scaffolding or others) should be taken. · Do not apply under rain, with temperatures lower than + 5 °C or with frost risk. In any case, never add anti-freezing products. · Apply when relative humidity is within 45% and 80%. Do not apply with very low relative humidity. · Do not flatten the plaster and the finishings as this would affect the perspirability. It is recommended to keep the plaster coarse and flat. It will be refined, after scratching, with finishing products (consult <i>Edilteco Technical Department</i>) · Finish with highly-perspirant paints, suitable for dehumidifying cycles and not permeable to water vapour. · For detailed information about the application, consult <i>Edilteco Technical Department</i>. 		
TECHNICAL CHARACTERISTICS	Dry density:	1300 kg/m ³	-
	Specific weight (dry mortar):	1350 - 1450 kg/m ³	UNI EN 1015-10
	Fire reaction:	A1	EN 13501-1
	Adherence:	n.a	UNI EN 1015-12
	Capillary water absorption:	3 mm after 24 hours	-
	Resistance to water vapour diffusion μ :	9,5	UNI EN 1015-19
	Thermal conductivity λ_D :	n.a	-
	Compressive strength:	CS II	UNI 1015-11
	Flexural strength:	1,3 N/mm ²	UNI 6133
	Soundproofing power on wall R_w :	n.a	-
	Increase of the soundproofing power ΔR_w :	n.a	-
	Specific heat:	1000 J/kgK *	UNI EN 1745
	Durability (frost / thaw):	evaluated	UNI EN 998-1
	Time of workability of the mixture:	1 hours at + 20 °C e 70% di H.R.	-
<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>			

* 1000 J/kgK = 0,24 kcal/kgK



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DS DRYMIX 10.0 . Rev 09/2019 . GB



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