



# DRYMIX® BIO 8.0

PREMIXED DEHUMIDIFYING PLASTER  
BASED ON HYDRAULIC NATURAL LIME

## DRYMIX® BIO 8.0

Premixed dehumidifying plaster based on hydraulic natural lime

<b>COMPOSITION</b>	Ready to use premixed macroporous dehumidifying plaster, composed of hydraulic natural lime (NHL 3.5), classified sands, fibres, hydrophobic and special natural additives
<b>PACKAGING AND STORAGE</b>	<ul style="list-style-type: none"> <li>• Bag of 20 kg</li> <li>• Pallet of 64 bags = 1280 kg</li> <li>• Stock in the original packaging, in a dry place, away from humidity. Use within 12 months.</li> </ul>
<b>FIELDS OF APPLICATION</b>	<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"> <li>• Refurbishment of masonry affected by rising damp.</li> <li>• Elimination of residual humidity in masonry structures.</li> <li>• Adjuvant for the elimination of surface and/or partition wall condensation humidity.</li> <li>• Integrator for chemical (Drystop H) or physical (walls cut) barriers, such as barrier to the rising damp.</li> <li>• It is not recommended in case of water infiltration</li> </ul>
<b>CONSUMPTION/YIELD</b>	<ul style="list-style-type: none"> <li>• Approx. 10 kg/m<sup>2</sup> per cm of thickness.</li> </ul>
<b>SURFACE PREPARATION</b>	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, type Drymix Spritz 20.0, and moisten the surface according to the type of support and the weather conditions.
<b>APPLICATION</b>	<p><b>Drymix Bio 8.0 must not be mixed with other products.</b></p> <p><b>Manual application:</b> it can be mixed with a traditional cement mixer. Pour about 10L of clean water per bag into the cement mixer and then add the content of a bag. Mix for at least 3 minutes.</p> <p><b>Mechanical application with plastering machine</b> (it is recommended the use of a turbo or mini turbo): the quantity of water is automatically added according to the desired consistency of the plaster. The mixed product must be applied within 1 hour using the normal laying technique of plasters.</p> <p><b>Application on site:</b></p> <ul style="list-style-type: none"> <li>• Min. thickness 2cm: laying of one coat.</li> <li>• Min. thickness 2cm - max. 5cm: after the adhesion of the first layer apply a second layer (max. 2cm). In case of thickness over 3cm it is mandatory to use of a fiberglass mesh 140-160 gr/m<sup>2</sup> into the macroporous dehumidifying plaster.</li> <li>• Total application thickness: min. 2cm from the most protruding stone/brick. For wall with thickness over 25cm, the min. thickness of 2cm must be proportionally increased (consult Tekto Technical Department).</li> </ul> <p>If the masonry walls to be treated are intersected by walls or partition walls, apply Drymix Bio 8.0 also on these walls</p>



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<b>APPLICATION</b>	<p><b>Finishing:</b> after the curing of the base plaster, apply a thin layer of Drymix Fein 14.0 (or similar). After its curing apply a breathable paint. Lime-based paints are suitable.</p> <p><b>Coloured finishing:</b> it can receive the application of coloured breathable paints, to be applied after the treatment with breathable primer.</p>
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<b>WARNINGS</b>	<ul style="list-style-type: none"> <li>Any crack, grout line or hollows joints in the masonry must be filled before applying Drymix Bio 8.0 (respecting the adhesion time). In case of this kind of intervention or of different materials composing the masonry, it is recommended the use of a mesh in the scratch coat or in the smoothing plaster.</li> <li>In case of walls composed of different materials or large ceilings, it is recommended to use thin expansion joints.</li> <li>The application of the mesh does not completely eliminate the formation of cracks, but it reduces the risk.</li> <li>During the application and the adhesion time, the air and base screed's temperature must not be below +5 °C or above +35 °C.</li> <li>With heating systems (especially gas), provide for an adequate room ventilation (prevention of carbonation phenomenon).</li> <li>The plastered surfaces must be kept moisten for at least 2 days.</li> <li>Before applying the next products wait for at least 10 days per each centimetre of thickness of Drymix Bio 8.0 applied.</li> <li>Any kind of working on the plaster's surface (e.g. scraping), necessary for all the following operations, must be done from 1,5 to 4 hours after the application, according to the environmental conditions and the type of surface.</li> <li>After the plaster curing, apply a finishing not preventing the water vapour permeability.</li> <li>Do not press the applied plaster, because it could prevent its breathability. The same care is required for the finishing mortars. The plaster must be left rough and flat, to be finished after the scraping.</li> </ul>
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<b>TECHNICAL CHARACTERISTICS</b>	Powder specific weight (for free fal):	approx. 1.100 kg/m <sup>3</sup>	n.d.
	Specific weight (wet mortar):	approx. 1.400 kg/m <sup>3</sup>	UNI EN 1015-3
	Specific weight (dry mortar):	approx. 1.100 kg/m <sup>3</sup>	UNI EN 1015-10
	Fire reactivity:	A1	EN 13501-1
	Adherence on brick 28 days:	>0,3N/mm <sup>2</sup>	n.d.
	Water absorption by capillarity:	W2	UNI EN 1015-18 EN 998-1
	Resistance to water vapour diffusion μ:	≤10	UNI EN 1015-19
	Thermal conductivity λ <sub>D</sub>	0,35W/mK	UNI EN 1745
	Compressive strength:	<5,0N/mm <sup>2</sup>	UNI 1015-11
	Αντοχή κάμψης	1,3N/mm <sup>2</sup>	UNI 6133
	Height of max water penetration 24 hours:	≤2mm	-
	Increase of soundproof performance ΔR <sub>w</sub> :	n.d.	-
	Specific heat:	1000J/kgK*	UNI EN 1745
	Durability (frost/thaw):	n.d.	-
Time of mixing:	2 hours at +20 °C and 70% H.R.	-	

All the indications provided in this technical data sheet are purely approximate and are not binding for legal purposes. The data listed herein have been gathered from laboratory tests meaning that in practical applications on building sites the final characteristics of the product may be subject to substantial variations depending on the meteorological conditions and the installation. The user must always check the suitability of the product for its specific use, undertaking all liability implicit in and deriving from the use of the product, as well as comply with all methods and instructions for use generally referred to as "workmanlike" execution. TEKTO HELLAS S.A. reserves the right to change the contents of this technical data sheet on its final judgement without any notification. The distribution of this data sheet supersedes and cancels the validity of any other data sheet published previously.

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

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