



The designer is free to decide the type of mortar

DRYMUR®

POROUS ADDITIVE FOR THE REALIZATION OF DEHUMIDIFYING MORTARS

DRYMUR® Porous additive for the realization of dehumidifying mortars							
PRODUCT	Liquid additive for the preparation of dehumidifying and renovating mortars.						
PACKAGING AND STORAGE	<ul style="list-style-type: none"> • Bottle 1 kg • Box with 10 bottles • Pallet with 40 boxes = 400 kg 						
FIELDS OF APPLICATION	<ul style="list-style-type: none"> • Dehumidification of masonry affected by rising damp. • High breathability plasters. • Mortars for renovation. • Elimination of surface condensation, mildew and efflorescence 						
ADVANTAGES	<ul style="list-style-type: none"> • Non-toxic and non-corrosive. • It allows to realize macro-porous mortars, increasing the evaporation speed of the humidity contained in the masonry, bringing a high air flow in the plaster. • It can be used with every kind of mortar (cement, cement + lime, lime). 						
RECOMANDATIONS	<ul style="list-style-type: none"> • Mixing and preparation of the mortar: see pag. 2. • The plaster mixed with Drymur® can be applied according to the standard application techniques, in two or more coats for higher thickness. In case of pre-existing plasters, they must be removed and the masonry must be properly clean. • In case of salt into the masonry, before the application of the plaster, use the inhibitor Tecosel or Drymix Spritz. • The porous structure of the mortar allows to obtain a smooth and homogeneous surface, that can be covered after 15-20 days with lime-based paints or mineral finishing suitable for dehumidification and renovation cycles. • Add Drymur® also in the fine mortar, used for the finishing coat, or use a thin layer of the breathable finishing Drymix Fein 						
WARNINGS	Do not apply with temperatures under +5 °C.						
TECHNICAL CHARACTERISTICS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Resistance to water vapour diffusion μ of the mortar mixed with Drymur®</td> <td style="text-align: center;">10,5</td> </tr> <tr> <td>Thermal conductivity $\lambda_{10, dry, mat}$ of the mortar mixed with Drymur® in accordance with UNI EN 1745:</td> <td style="text-align: center;">0,53W/mK</td> </tr> </table>	Resistance to water vapour diffusion μ of the mortar mixed with Drymur®	10,5	Thermal conductivity $\lambda_{10, dry, mat}$ of the mortar mixed with Drymur® in accordance with UNI EN 1745:	0,53W/mK		
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COMPARISON WITH THE TRADITIONAL MORTARS	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Improvement of the resistance to water vapour diffusion μ compared to the traditional mortars, in accordance with UNI EN 1745:</td> <td colspan="2" style="text-align: center;">15/35 for mortars with densities 1.600-2.000kg/m³</td> </tr> <tr> <td>Improvement of the thermal insulation level compared to traditional mortars, in accordance with UNI EN 1745:</td> <td style="text-align: center;">apx. 35% for mortars with density 1800kg/m³</td> <td style="text-align: center;">apx. 52% for mortars with density 2000 kg/m³</td> </tr> </table>	Improvement of the resistance to water vapour diffusion μ compared to the traditional mortars, in accordance with UNI EN 1745:	15/35 for mortars with densities 1.600-2.000kg/m ³		Improvement of the thermal insulation level compared to traditional mortars, in accordance with UNI EN 1745:	apx. 35% for mortars with density 1800kg/m ³	apx. 52% for mortars with density 2000 kg/m ³
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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.

METHOD OF USE	<p>1. In a container with 25 - 30 lt of clean water, mix 1 kg (1 bottle) of Drymur®. N.B: the amount of water may vary according to the humidity level of the sand.</p>	
	<p>2. Pour the obtained solution (water + Drymur®) into the empty cement mixer.</p>	
	<p>3. With the working cement mixer add approx. 150lt of clean sand and mix.</p>	
	<p>4. Add 50 kg of water binders. Recommended dosage: 25kg cement + 25kg lime. N.B: Drymur® can be also used with mortars composed of cement or lime</p>	
	<p>5. Mix for approx. 10 minutes. N.B: it is very important to respect the mixing time in order to obtain a perfect dehumidifying mortar.</p>	
	<p>6. Lay the plaster on a clean wall. N.B: Respect the standard thickness for the dehumidification cycles. Example:</p> <ul style="list-style-type: none"> • Minimum thickness 2 cm on masonry up to 25 cm. • Minimum thickness 3,5 cm on masonry up to 40 cm. 	
<p>Alternatively, it is possible to obtain a foam, increasing the volume of the water/Drymur® solution, mixing the liquid in a clean container with the electrical drill with deflocculant blades. After a few minutes of mixing, the foam can reach a volume 3-4 bigger than the initial volume, especially if it is obtained with water over +15 °C. The mixing procedure continues adding the foam into the cement mixer and then the prescribed quantities of water binders and sand</p>		



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