

VAPOR BARRIER

SCHEDA TECNICA

Revisione : 30/06/2025

Prodotto: **VAPOR BARRIER**

Categoria: Linea ETRON

Azienda: Loggia

General Characteristics

ETRON VAPOR BARRIER is a tri-component anti-rising water mortar with excellent resistance to hydrostatic pressure. The product is the resulting union of a particular epoxy resin (Part A), the corresponding catalyst (Part B) and a suitably formulated cement (Part C) available in fine and large grain. The product forms a non-permeable layer to rising damp and limits the effects of the evaporative flow. Limits the phenomenon of interstitial condensation inside the substrate and the consequent growth of mold. The package contains all the components already proportioned, ready to be mixed.

Application

In general, the product is indicated to counteract the rising damp from the opposite side on which it is applied (waterproofing in negative pressure). Suitable for the protection of places subject to high levels of humidity due to lack of air circulation, for example underground spaces and cellars. Suitable for preserving the substrate on which additional coatings are to be laid from humidity.

Media Preparation



Apply only on clean and free of efflorescence. Can also be applied on damp substrates. The substrate must be solid, consistent and not chalking, seal any holes and cracks with suitable cement mortar.

Application Methods



Preparation of the product:

The quantities of each part are already proportionate. Carefully mix part A with part B, until a homogeneous mixture is obtained. Then add part C slowly to avoid the formation of lumps and continue mixing to make the mixture homogeneous. It is recommended to use low speed tools, in order to avoid the accumulation of air in the product and its overheating. Once mixed, the product can be worked in an interval between 30 - 40 minutes.

ETRON VAPOR BARRIER can be applied with a stainless steel trowel or trowel. Apply a first coat with a 3 mm notched trowel, checking the thickness and allowing the laying of a fiber mesh (140/150 g / m²). After 24 hours, apply a second coat being guided by the grain present in the product. After a further 24 hours apply a third coat. It is important to protect the product from water once applied, until it is completely dry. It is possible to apply a third coat of fine grain after two coats of large grain.

Application temperature:	+5 ÷ +35	°C
Relative humidity of application:	<85%	
Recommended thickness:	1 - 1,5	µm per coat
Dust dry:	0,5	h
Repaintable after:	8	h
Deep dry:	48 (a 25°C)	h
Tool cleaning:	WITH WATER	

Peso specifico (A):	1,15 ± 0,1	Kg/l
Viscosità(A+B+C):	120000 ± 3000	cPs
pH(A+B+C):	10 - 11	
Residuo secco (A+B+C):	74,4% ± 0,5%	
Resa teorica:	3,5	Kg/mq
(ciclo di tre mani)		
	6 - 12 (Small Grain)	Kg
Confezioni (A+B+C):	9 -18 (Big Grain)	
Aspetto:	MAT	

Caratteristiche prestazionali	Metodo di prova	Risultati
Compression resistance (after 28 days at 25°C)	UNI 4279	35,5 N/mm ²
Reverse hydrostatic pressure resistance (after 28 days at 25°C)	UNI 8298-8	260 KPa

Storage:



Store the product in its packaging, in a dry place with a temperature between 5 and 35 ° C. Protect from frost. It has a shelf life of not less than 24 months.

WARNINGS:

Do not apply at temperatures below 5 ° C and above 35 ° C. Do not apply on surfaces with standing water. Apply only and exclusively on solid, coherent and non-chalking surfaces. Can be applied on a damp substrate. In case of rain between one coat and the other, wait for complete drying before the next installation. Wear protective clothing when installing ETRON VAPOR BARRIER.

For all information relating to the handling of the product, as well as its correct disposal, please refer to the Safety Data Sheet.

Item Specifications

Three-component epoxy-cementitious mortar that blocks rising damp and limits the effects of evaporative flow, ready for use, applicable by roller, brush or trowel. For the protection of surfaces exposed to rising damp. Applicable by roller and brush and trowel for an estimated final consumption of 3.5 kg / m².

This data sheet is based on our best knowledge of the product. Not being able to exercise any type of control over the application of the product itself, and the possibilities of its use being multiple, Loggia Industria Vernici S.r.l. assumes no responsibility for the use of the product. For more information, contact the technical department.

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