




DEUMISAL BARRIERA

ALCOHOL-BASED CHEMICAL BARRIER
FOR TREATING WALLS SUBJECT TO CAPILLARY RISING DAMP

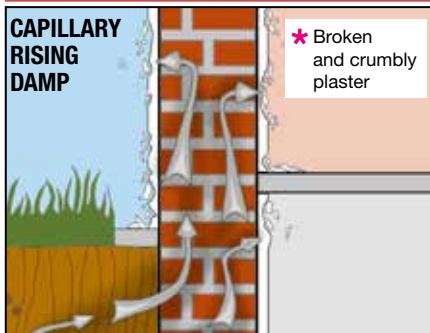


GRANTS *LEED* CREDITS

CHARACTERISTICS		ENVIRONMENTAL	METHOD OF USE	PRECAUTIONS
 SOLVENT BASED	 ALLOWS TO BREATHE		 INJECTION APPLICATION	

PROBLEM

TO CREATE A BARRIER AGAINST CAPILLARY RISING DAMP



Damp rises by capillarity through the porosity of walls, transporting salts such as sulphates, chlorides, nitrates, etc., which crystallise on external surfaces producing bloom, and causing plasters and finishes to detach and chalk.

SOLUTION

One-component liquid containing polar solvents (chemical barrier), which creates a hydrophobic filter and prevents salts dissolved in water from migrating by capillary rising onto the surfaces, thus eliminating unsightly blooming and the disgregating action due to crystallisation.

APPLICATION FIELDS

DEUMISAL BARRIERA is used for treating internal, external, off-ground or partially buried walls affected by capillary rising damp and by surfacing salts. In general it is used in all cases of visible walls, or combined with dehumidifying plasters.

ADVANTAGES

- High penetration power even with highly compact materials
- Easy to use
- Prevents transport of hygroscopic salts.

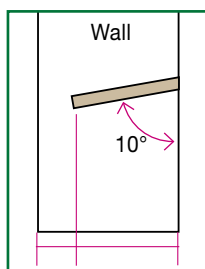
METHOD OF USE

• SUBSTRATE PREPARATION

- Remove old plaster up to 0.5 m past the mark of the maximum level reached by the damp over the seasons.
- Energetically brush the surface, removing all loose and inconsistent parts, oils, release agents, salts, dust and dirt in general, by hammering, brushing and water jet cleaning. Fill any cavities with brick fragments and lime mortar.
- For walls strongly impregnated in salts and oily substances, wash with an alcohol solution (10%) in water, applied with a paintbrush.

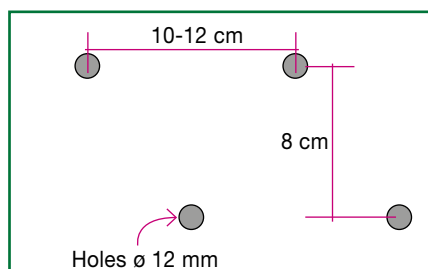
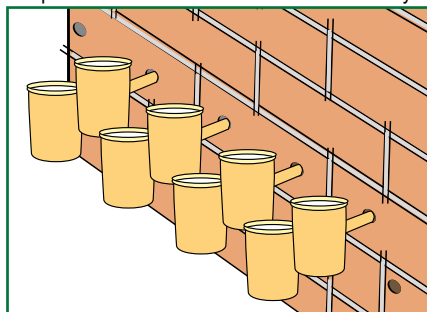
Drill with a \varnothing 12 mm drill bit, through about 3/4 of the wall thickness. The holes must be every 10-12 cm horizontally in two staggered rows, spaced out by about 8 cm. The holes must also be inclined by about 10°.

For walls with large cavities or cracks, first perform a series of consolidating filling injections with filling grout INJECTIONMUR.



• APPLICATON

Secure the injection pipes with cement mortar, and wait for the mortar to set before you inject the product. DEUMISAL BARRIERA is ready to



use and is applied by low pressure injection, by a pump or by gravity fall. Perform impregnation until the support is saturated.

• CONSUMPTION

Consumption can vary significantly, from 0.1 to 1 litre per hole, according to the porosity of the support.

• PRECAUTIONS

- It is recommended to refer to the specifications "DAMP-PROOFING PLASTERS AND CHEMICAL BARRIERS".
- The product is flammable. Do not smoke during application. If applied indoors, provide good ventilation.
- Keep the containers hermetically closed because the product can react to atmospheric humidity.
- Avoid temperatures above + 30°C.



TECHNICAL CHARACTERISTICS

	Standard	DEUMISAL BARRIERA
Appearance		Liquid
Colour		Transparent
Density	EN 2811-1	0.80 ± 0.05 kg/L
Ford4 viscosity		14"
Flammability point - closed container		>21°C
Storage in original packaging in a dry place		12 months
Workability characteristics		
Application temperature		+5°C ÷ +30°C
Application		Manual - by injection
Performance characteristics		
Product performance		
Resistance to alkali		Good
Application temperature		-30°C ÷ +90°C

Test conditions: temperature 23±2°C, R.H. 50±5% and air speed in the test area <0.2 m/s. These figures may vary depending on the specific conditions of the worksite: temperature, humidity, ventilation, absorbency of the base coat.

the numerous possible uses and the possible interference of conditions or elements beyond our control, we assume no responsibility regarding the results which are obtained. The purchasers, of their own accord and under their own responsibility, must establish the suitability of the product for the envisaged use.

The figures shown are average indicative figures relevant to current production and may be changed or updated by INDEX at any time without previous warning. The advice and technical information provided, is what results from our best knowledge regarding the properties and the use of the product. Considering

PACKAGING

200-kg Drums
10-kg Pail

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

 <p>index Construction Systems and Products</p> <p>Via G. Rossini, 22 - 37060 Castel D'Azzano (VR) - Italy - C.P.67 T. +39 045 8546201 - F. +39 045 518390</p>	<p>Internet: www.index-spa.com Informazioni Tecniche Commerciali tecom@indexspa.it Amministrazione e Segreteria index@indexspa.it Index Export Dept. index.export@indexspa.it</p>		<p>TOTAL QUALITY index</p>  <p>UNI EN ISO 9001</p>	<p>Environmental Management Systems index</p>  <p>UNI EN ISO 14001</p>	 <p>index socio del GBC Italia</p>	
--	--	---	--	---	--	---