








DEUMISAL

SOLVENT-BASED ANTI-SALINE IMPREGNATING AGENT FOR TREATING WALLS WITH SURFACING SALTS

GRANTS *LEED* CREDITS

CHARACTERISTICS		ENVIRONMENTAL	METHOD OF USE			PRECAUTIONS
						
SOLVENT BASED	ALLOWS TO BREATHE		SPRAY APPLICATION	APPLY BY BRUSH	APPLY BY ROLLER	

PROBLEM

TO PREVENT THE FORMATION OF SURFACING SALTS IN WALLS SUBJECT TO CAPILLARY RISING DAMP



Rising damp very often transports high quantities of salts, such as sulphate, chloride, nitrate, etc. which crystallise on the external surface giving rise to efflorescence. The tensions caused by the salt crystallisation provoke crumbling and detachment of plasters and finishes due to the increasing volume in the crystallising process itself.

SOLUTION

It is a one-part solvent-based liquid which together with a damp-proofing plaster application facilitates evaporation of the moisture contained in the wall.

It provides a water-resistant filter which allows the treated surface to continue to breathe, and prevents the salts which have become dissolved in the water from being deposited onto the surface, thereby stopping the build up to efflorescence and the degrading action on surface finish materials.

APPLICATION FIELDS

DEUMISAL is used for the external and internal treatment of masonry either above ground or partially underground which has become affected by rising damp and saline efflorescence.

ADVANTAGES

- Prevents the transport of hygroscopic salts.
- Easy to use.
- Allows the surface to breathe.
- Does not create vapour barrier film.
- High penetration even in very compact materials.

METHOD OF USE

• SUBSTRATE PREPARATION

Remove old plaster from the surface to be restored. The masonry must be clean and free from crumbling parts. After high pressure water cleansing wait until the surface to be treated with DEUMISAL is dry.



• APPLICATION

DEUMISAL solution, which is ready to use, is applied by spray (low pressure) or by brush (1). Application takes place using two coats taking care that after each coat the material is well saturated and has a uniform covering. DEUMISAL is applied wet to wet.

• FINISHING

After applying DEUMISAL, a semi-covering gripping render (2) with POROVENT FONDO PRONTO must be used while it is still wet, i.e. working "fresh over fresh".

For the choice of the damp-proof plaster, it is recommended to read the technical data sheets: POROVENT SYSTEM PRONTO, DEUMISAN and IDROPLAN (3).

• CONSUMPTION

As salt stabiliser approximately: 0,5 kg/m².

• PRECAUTIONS

- The product is flammable. Do not smoke during application and if applied inside a building, provide suitable ventilation.
- Containers must be kept hermetically sealed because DEUMISAL may react with atmospheric damp and it must be protected from temperatures above +30°C.
- Avoid temperatures above +30°C.

TECHNICAL CHARACTERISTICS

	Standard	DEUMISAL
Appearance		Liquid
Colour		transparent
Density	EN 2811-1	0.80 ± 0.05 kg/L
Ford4 - Viscosity		14"
Flammability point - closed container	ASTM D 3828-87	> +21°C
Shelf life in original packaging and store in a dry place		12 months
Characteristics of product and workability		
Application temperature		+5°C ÷ +35°C
Application		manual or by spraying at low pressure
Performance characteristics		
Thermal resistance - Working 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

10-litres Pail
5-litres Pail
1-litre Can

• 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 •

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