

# BioDEUMISAL

WATER-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	STORAGE: KEEP AWAY FROM FROST

## PROBLEM

**TO PREVENT THE FORMATION OF SALINE BLOOMING TO DAMP-PROOF WALLS SUBJECT TO CAPILLARY RISING DAMP**



Capillary rising damp takes large quantities of salts with it, such as sulphates, chlorides, nitrates, etc. which crystallise on the external surfaces producing bloom.

The tension caused by the crystallisation of the salts causes plasters and finishes to detach and chalk, due to the increasing volume of the salt crystals.

## SOLUTION

One-component water-based liquid which, along with the application of damp-proofing plaster, facilitates the evaporation of the humidity contained in the wall.

**BioDEUMISAL** creates a water-repellent filter that does not alter the breathability of the treated surface and stops the salts dissolved in the water being set down on the surfaces, hence eliminating unsightly blooming and the disgregating action on the surface finish materials.

## APPLICATION FIELDS

**BioDEUMISAL** is used for treating internal, external, off-ground or partially buried walls affected by capillary rising damp and by surfacing salts.

## ADVANTAGES

- Prevents transport of hygroscopic salts.
- Easy to use.
- Does not reduce breathability
- Does not create a vapour barrier film.
- High penetration power even with highly compact materials.

## METHOD OF USE

### • SUBSTRATE PREPARATION

Remove the plaster from the surface to be repaired. The wall must be clean and free from crumbling parts. After cleaning with a water cleaner wait for the surface to dry before applying **BioDEUMISAL**.

### • APPLICATION

The **BioDEUMISAL** solution is ready to use and

is applied by spraying (at low pressure) or with a paintbrush (1). We recommend to apply two coats, taking care that after each coat, the material is well saturated and treated evenly.

### • FINISHING

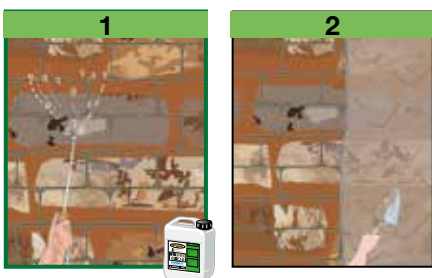
After applying **BioDEUMISAL**, a semi-covering gripping render (2) must be applied while it is still wet, i.e. working "fresh on fresh". For the choice of the damp-proof plaster, it is recommended to read the Index technical data sheets: POROVENT SYSTEM PRONTO, DEUMISAN and IDROPLAN (3).

### • COVERAGE

As anti-saline impregnating agent: about 0.5 l/m<sup>2</sup>.

### • WARNINGS

• The containers must be kept hermetically tight because **BioDEUMISAL** can react to atmospheric humidity.



## TECHNICAL CHARACTERISTICS

	<b>BioDEUMISAL</b>
Appearance	Liquid
Colour	transparent
Density	1.00 kg/L
Application temperature	+5°C ÷ +35°C
Thermal resistance - Working temperature	-30°C ÷ +90°C
Storage in original packaging in a dry place	12 months

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

**BioDEUMISAL**

- 5-liters 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 •

**index**  
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