

# Litosal

## *Neutralising solution for superficial salinity*

### Type of problem:

Superficial salinities, efflorescence, crystalline deposits in porous structures which are poorly ventilated or exposed to humidity.

### Characteristics:

Litosal is an active principle in an aqueous vehicle, mono - component, with aromatising additives which are able to penetrate into the superficial sub-layer of masonry which is exposed to particular environmental conditions such as elevated atmospheric humidity, slight capillary rising, salty aerosols etc.

The active principle of Litosal hydrophises the capillary walls and diminishes the humidity evaporation point, stopping any kind of salinity in depth.

This process allows neutralisation of the dynamic action of these salts of a hygroscopic nature, which are responsible for deterioration of the surface of masonry, such as peeling of bricks, plasters and paint.

These characteristics, together with high water vapour permeability and impermeability to rain or atmospheric humidity, make Litosal a specific product for the improvement of masonry surfaces. It is also suitable for facings, tuff, concrete, marble etc. without changing the chromatic appearance of the material.

Litosal can also be used as an alternative to Macrosal during the dehumidifying and desalinating cycles of treatment of masonry slightly affected by rising damp.

### Technical data:

- |  |   |
|--|---|
| ▪ Appearance                             | liquid with aromatic additives                    |
| ▪ Colour                                 | colourless  |
| ▪ Mixture                                | ready to use                                      |
| ▪ Specific weight                        | 0.9 kg/l at 20 ° C                                |
| ▪ Resistance coefficient to water vapour | does not alter the characteristics of the support |
| ▪ Average consumption                    | about 0.5 – 0.7 depending on the support          |

## Application

### Preparation of the support:

Remove the old plaster up to about 50 cm above the humidity line of the surface that has to be treated. Remove any salt deposits with a brush or a sandblasting machine.



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### Application:

Litosal is a ready-to-use product and it can be applied using a common bricklaying brush or a spraying machine.

To re-plaster masonry wet the surfaces and apply two coats, wet on wet, making a separation layer with a rendering coat of Macrosan on about 70 % of the surface which is to be treated.

### Technical data:

- |             |  |
|-------------|--|
| ▪ PACKAGING | 1   5   20 l   |
| ▪ TOOLS     | Flat brush, spraying, machine spray                                      |
| ▪ STORAGE   | 12 months if kept in original containers in a suitable place and sealed. |

### Please note:

It is advisable to use protective gloves, and, in poorly ventilated rooms, appropriate masks.

Do not disperse the remains of the product in the environment.