TSAL

ANTI-SALT TREATMENT

TSAL is a ready-to-use, liquid anti-salt treatment, suitable for the restoration of masonry with a medium-low salt content.

Comes in: 1 litre and 5 litre cans

Storage: for 6 months in a dry place

FIELD OF APPLICATION

TSAL acts on concentrations of salt located in proximity to the surface of the masonry face, preventing them from migrating and leading to deterioration caused by cycles of crystallisation. It eliminates the problem of salt deposits without forming non-permeable surface films.
TSAL is a microfine polymer emulsion free of organic solvents which is compatible with any kind of masonry or stone structure. Its high-level penetrating capacity allows it, even in the case of structure with low porosity, to prevent the diffusion, by capillarity, of salts through to the substrate. It further provides a consolidating effect in the case of surfaces that are not fully solid or may be at risk of falling apart.
TSAL eliminates the problem of salt migration in the presence of water, allowing for the subsequent application of dehumidifying plaster without any danger of its porosity being saturated due to salts.

PREPARATION

TSAL is ready to use without the need for any additives.

APPLICATION

TSAL is to be brushed or sprayed (at low pressure) on stone or masonry structures when dry. Application is to be repeated several times, wet on wet, until the structure refuses more. The surface must be perfectly clean, free of salt deposits and having been washed repeatedly with clean water, and with the removal of any incrustations and bedding mortar which is crumbling or particularly deteriorated by salts. Subsequent application of the TLast-100 restoration cycle or other plaster mortar must be made fresh on fresh (as soon as the surface treated with TSAL VP no longer appears shiny) or after a few hours with the use of T-Last 100 Rough Coat or another adhesion bridge.

WARNINGS

Surface preparation: prepare the surface for application of **TSAL** by removing dust, salt deposits, coming-off and crumbling bits, mildew, soot, organic material, etc.
Wet surfaces: avoid application on structures impregnated with water or directly exposed to the sun.
Low temperatures: do not apply at temperatures lower than 5°C. The effect of the anti-salt treatment is reduced at low temperatures.
Avoid waiting times between one application and the next. Coats subsequent to the first one must be applied wet on wet, as soon as the first coat is absorbed and the surface is no longer shiny.
Do not leave **TSAL** in contact with the air or with environmental humidity.

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TECHNICAL DATA

Specific weight	**1 Kg/litre**
Consumption	**0.2 litres / m^2**
pH	**> 8**
Viscosity at 20°C	**200-1000 mPa x s**
MFFT	**+ 5°C**

TECHNICAL SPECIFICATIONS

TASSULLO TSAL ready-to-use, liquid anti-salt treatment, suitable for the restoration of stone and/or masonry structures with a high salt content, made up of a microfine polymer emulsion free of organic solvents, to be sprayed or brushed on, with specific weight of 1 kg/litre, average particle dimensions of 0.02 – 0.04 mm, pH > 8, viscosity of 20 °C between 200 and 1000 mPa x s, and a minimum film-forming temperature of + 5°C.

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