



CONCRESEAL[®]

TOP-S

WATERPROOF CEMENT MORTAR FOR ROUGH DECORATIVE FINISH OVER POLYSTYRENE AND POLYURETHANE INSULATION PANELS

DESCRIPTION

CONCRESEAL[®] TOP-S is a cement-based mortar specially designed for waterproofing and decoration of facades composed of polystyrene and polyurethane panels. Once applied, it provides a layer with decorative rough finish over properly prepared insulation panels.

APPLICATIONS FIELDS

- Waterproof and decorative finish of façades and exterior insulation systems.

ADVANTAGES

- Waterproof to rain but permeable to water vapour.
- UV-resistant and non-yellowing, provides long-term colour stability.
- Good adhesion over levelled traditional substrates, such as concrete or masonry.
- Can be applied by hand or spray method.
- Its industrialised manufacturing guarantees homogeneous colour, waterproofing and mechanical characteristics, and constant quality.

APPLICATION INSTRUCTIONS

Surface preparation

Concrete, mortar, brick or other masonry substrate must be sound and resistant. New concrete must be allowed to cure at least 28

days. Surface must be smooth and level, removing excesses, and filling in voids and cracks by spreading a levelling layer in order to avoid excessive thickness. Area must be completely cleaned free of dirt, form stripping oils, grease, paints, etc. On insulation panels, previously apply a primer layer of **CONCRESEAL[®] TH-S** and let set completely from 8 to 24 hours depending on temperature conditions.

Mixing

A 25 kg bag requires 4,75 to 5,25 litres (20 ± 1 %) of clean water. The mixing can be done either by hand or preferably by mechanical means. Keep a constant proportion of water per bag. Do not over-mix.

Application and finish

Apply levelled layers of 3 mm thickness manually with a metal trowel. If application is done mechanically use a rod to even the surface. Finally, between 5 to 30 minutes after placing depending on temperature, the layer is floated and textured to the desired finish with a plastic trowel.

Application conditions

In winter, do not apply below 5 °C or if such temperatures are expected within 24 hours after application. Do not apply on frozen or frosted surfaces. Do not apply if rain is expected within 24 hours after application. Do not apply above 40 °C.

Curing

For a better curing at very high temperatures (35 °C), apply a fine mist water spray within 2

hours after placing **CONCRESEAL® TOP-S**. Avoid wash out the surface of the mortar while it is still fresh.

Cleaning

All tools and equipments should be cleaned immediately with water after use. Once it hardens, product can only be removed by mechanical means.

CONSUMPTION

The estimated consumption for a layer of 3 mm. thickness is 5,1 kg/m². This approximate consumption can vary depending on porosity and texture of the surface, a preliminary test on-site will determine the consumption exactly.

PACKAGING

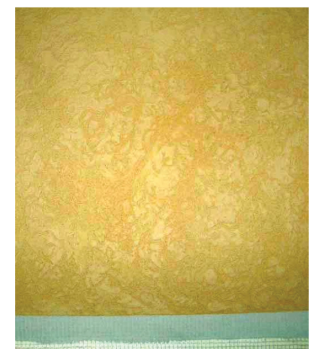
CONCRESEAL® TOP-S is supplied in 25 kg bags and it is available in white colour. Other special colours available by request.

STORAGE

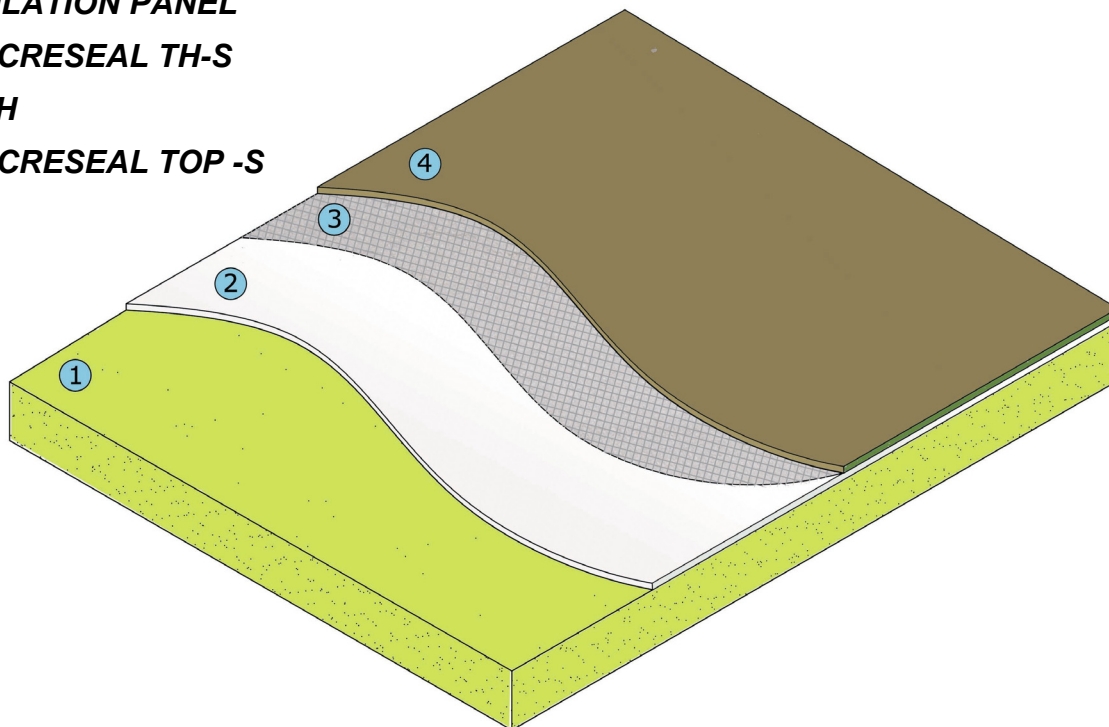
Twelve months in its original unopened packaging. It must be stored in a dry and covered place, protected from humidity and freezing, with temperatures above 5 °C.

SAFETY AND HEALTH

CONCRESEAL® TOP-S is non-toxic but it is an abrasive compound. Protective rubber gloves and safety goggles must be used to mix and apply. In case of skin contact, wash affected areas with water and soap. In case of eye contact, rinse thoroughly with clean water but do not rub. If irritation persists consult a doctor. Safety Data Sheet of **CONCRESEAL® TOP-S** is available by request. Disposal of the product and its empty packaging must be made by the final user and according to official regulations.



- ① INSULATION PANEL
- ② CONCRESEAL TH-S
- ③ MESH
- ④ CONCRESEAL TOP -S



TECHNICAL DATA

| | |
|--|------------|
| Appearance | Powder |
| Dry density (gr/cm ³) | 1,4 ± 0,05 |
| Maximum aggregate size (mm) | 3 |
| Mixing water (%) | 20 ± 1 |
| Pot life at 20°C (min) | 20 – 40 |
| Setting time at 20 °C (hours) | |
| - Initial | 2 – 3 |
| - Final | 4 – 5 |
| Approx. consumption in 3 mm thickness (kg/m ²) | 5,1 |
| Application thickness (mm) | 3 |

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. **DRIZORO[®], S.A.** reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product. The data shown on consumptions, measurement and yields are for guidance only and based on our experience. These data are subject to variation due to the specific atmospheric and jobsite conditions so reasonable variations from the data may be experienced. In order to know the real data, a test on the jobsite must be done, and it will be carried out under the client responsibility. We shall not accept responsibility exceeding the value of the purchased product.



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BUREAU VERITAS
 Certification

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