

CONTROLL®INNERSEAL

Controll® Innerseal is a modified biochemical solution based on silicates, and is designed for application to concrete to achieve long term waterproofing and durability.

Mode of operation: All concrete contains an enormous amount of tiny pores and pockets that are connected to each other with capillaries and create a highly effective transport system for water leakage. These leakages bring along pollution like acidic precipitation, chlorine and acids, which both individually and together weakens the concrete quality.

Controll® Innerseal belongs to the generation of environmental friendly treatment for concrete and concrete products. The treatment penetrates actively and deeply into the concrete, and effectively stops the leakages, arm corrosion and calcium washout. Controll® Innerseal brings down dusting, expels oil and grease remains, and is also a splendid primer for additional surface treatment. Further more, Controll® Innerseal has a restraining effect on fungus, moss and growth of alga. Controll® Innerseal prevents corrosion attack on steel reinforcement, as well as ensures the right pH-level in the concrete. This is very important to avoid deterioration.

Thanks to Controll® Innerseal's adjustment to material used in concrete, abilities like colour, consistent and appearance will remain the same. The treatment will leave a clear and natural surface, without pellicle or film.

Treatment with Controll® Innerseal is permanent, and do not require maintenance.

Using this product is therefore highly cost effective.

Area of use: Areas that are typical are foundation concrete, basements, terraces, walls, floors and roofs. Controll® Innerseal has also been used in silos and disposal pits, pools, bridges and tunnels with equal excellent results. Typical problem areas are most often water penetration. However, by treating with Controll® Innerseal, attachment difficulties for paint and glue caused by salt, sooting and dusting have also been solved.



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Preparation and direction of use:

The surface must be free of dust, old paint or other incrustation that may obstruct penetration. Defect concrete/larger cracks must be professional prepared in advance. Adjacent polished surfaces (e.g. glass, aluminium, tiles, and varnished surfaces) should be covered. Stir or shake the product.

Application:

If the concrete surface is very dry or the temperature is above 20° C, moist the surfaces slight with water, avoiding pools and flow out.

Apply Controll® Innerseal with roll, brush or low-pressure sprayer (recommended).

Apply enough to visually confirm solid wetting of the surface, but avoid pools and flow out.

Cover range is 3-6 m² at two applications, depending on the surface suction characteristics.

If the surface attracts abnormally amount of humidity, an additional coat may be necessary.

To increase and speed up the sealing process, flush with water after 12 to 24 hours.

To wash away possible secretion and consolidate maximum penetration, flush with water again after 48 hours.

Further secretion may appear later; however, this is not damaging and can be flushed away if required. Do not apply Controll® Innerseal if temperature is below 5°C or above 40°C.

Cleaning:

Tool: Water

Skin: Water and regular soap

Make sure of good ventilation and respiratory protection in sealed areas, due to mist that may irritate airways.