



ENVIRONMENT CERTIFICATE / ASSESSMENTS:

Recommended by the Scandinavian Byggvarubeömningen (Green Building Material Assessment) and SundaHus.

German ECO Institute: Free from VOC, carcinogens, mutagens and substances hazardous to reproduction.

EN ISO 12873-2: 2005

For use in direct contact with potable water up to 70° C.

(Influence of materials on water in-tended for human consumption, influ-ence of migration.)

PRODUCT DATA:

COVERAGE:

0.2-0.4 l/m² depending on the absorptive capacity of the substrate.

APPEARANCE:

Slightly cloudy liquid

pH:

11.4

VOC CONTENT:

0 g/l

DENSITY:

1.135 g/cm³



Innerseal

Professional waterproofing

DESCRIPTION:

Controll@Innerseal is a colourless, non-toxic, permanent sealer for use against moisture problems in all concrete. The product actively penetrates deeply, where it crystallises and effectively stops the absorption of water, acid rain, oil, etc.

TYPICAL APPLICATIONS:

All cement-based structures, inside or out.

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|------------------------|---------------------|
| Parking garages | Concrete slabs |
| Stadiums | Floors and ceilings |
| Concrete road surfaces | Silos |
| Foundations | Manure pits |
| Basements | Pools |
| Rooftops | Bridges |

PRODUCT HIGHLIGHTS:

Controll@Innerseal is insoluble, will not wash out or deteriorate and will have the same longevity as the concrete it becomes a part of. The product also prevents rebar rust, efflorescence, fracturing, musty basement odour, moss, fungus and algae growth.

The sealer allows the surface to breathe and the application will leave a transparent surface without a membrane or film. Simultaneously the pH value is increased in the concrete which is essential in preventing deterioration and rebar rust. The product is odourless and the treated area can be used as soon as the surface is dry, usually within 30 minutes. Application is very simple and does not represent any health or fire hazard.

PREPARATIONS:

The surface to be treated must be cleaned, free of dust, paint, grease or any other coating that may obstruct the substrate's absorption. Damage and visible cracks (>1.0mm) must be repaired prior to treatment. Protect glass, aluminium and other polished or painted surfaces to prevent etching. The temperature during application and for the following 24 hours must be between 5°C and 40°C.

DIRECTIONS FOR USE:

The product is ready for use and must not be mixed with other liquids or diluted.

On vertical surfaces apply with a low-pressure sprayer or impregnation roller wet-on-wet at least twice with approximately 5-15 minutes interval between applications until full saturation is attained.



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FREEZING POINT:

0° C

FIRE:

Non-flammable

PACKAGING:

20 l litre/ 1000 litre

STORAGE/SHELF-LIFE:

Cool, dark / > 36 months

CLEANING:

Tools: Water

Skin: Soap and water

DRYING TIME:

Ready for foot traffic after approximately 2 hours, heavier traffic after 24 hours. Full resistance to aggressive liquids is attained after 36 days.

HEALTH & SAFETY:

Prepare well-ventilated areas. Protect airways against the spray mist, which can cause irritation. There are no known harmful effects. However, we recommend wearing gloves and goggles during application. Read carefully the safety data sheet prior to starting work.

On horizontal concrete surfaces, we recommend Controll@Innerseal is poured out and spread with a rubber squeegee, brush or mop. Prevent dry patches from forming during treatment by keeping the liquid in motion. Full saturation is attained after approximately 30-40 minutes. Stop application when the sealer starts to gel. Remove excess product by flushing thoroughly with water if possible or by using a squeegee, otherwise shiny or white patches may develop.

In case of spills, flush immediately with water.

For brick façades, specific regulations apply and application may only be performed by certified personnel.

Manufacturer:

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EXTRACT FROM DECLARATION OF PERFORMANCE:



1111-CPR-0556

EN 1504-2:2004

DoP no.: CI 003

www.innerseal.eu

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|------------------------------|---------------------------|
| Depth of penetration | 17 mm |
| Abrasion resistance | > 30 % |
| Permeability | W < 0.1 kg/m ² |
| Impact resistance | Class II: >10 Nm |
| Adhesion strength (pull off) | 3.0 N/mm ² |
| Reaction to fire | Euro class 1 (fireproof) |
| Dangerous subst. comply with | 5.4 / No requirements |

