



# Controll® SP

Hydrophobic/repellent stain protection



**Controll SP is a water-based diffusion-open hydrophobic impregnation specially formulated to protect mineral substrates against water-based stains, contaminants and color changes.**

Controll SP is an effective and environmentally friendly stain protection for concrete and other absorbent stone materials. The treated surface becomes strongly water-repellent (hydrophobic) and is a final treatment. This means, for example, that line painting, joining etc. must be carried out before Controll SP is applied.

The best effect and service life is obtained if the substrate has been pre-treated with Innerseal or Innerseal Plus impregnation.

Typical applications are ground and polished concrete, plaster, limestone, sandstone, marble, microcement and other absorbent stone materials..

Controll SP leaves no film and allows the substrate to breathe. Controll SP stain protection give you the opportunity to dry up spills before discoloration occurs. However, spills should always be wiped up as soon as they occur. Should a discoloration still occur, it is much easier to clean than if the surface had been untreated. Keep in mind that untreated concrete and other absorbent stone materials are extremely sensitive to discoloration and they can rarely be removed.

Are you unsure how to best protect your concrete? Contact us for advice.

#### Areas of use:

- Concrete, plaster, stone
- Car park, garage
- Industrial and warehouse floor
- Grocery stores
- Public areas and shops
- Workshops
- Cold and freezer storage
- Housing
- Recycling and waste area
- Countertops

#### Benefits:

- Strong water repellency
- Oil and grease repellent
- Protects aesthetic values
- Environmentally friendly
- 0.0% VOC
- Open for diffusion
- Reduces maintenance
- Dust binding
- Easy to apply, dries up fast
- Easier to keep clean



Produkten bedömd i SundaHus Miljödata



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TDS SP 2021/03

## PREPARATORY WORK:

The surface must be clean and dust-free. For best result, the substrate must be pre-impregnated with Innerseal el. Innerseal Plus that has been allowed to dry for at least 24 h

## APPLICATION:

Controll SP is ready for application and must NOT be diluted. On larger surfaces, use a low-pressure sprayer and microfiber mop. The work is preferably performed by two people in collaboration because the product dries up relatively quickly. On smaller surfaces, the product can be poured directly into a microfiber mop or cloth and then spread over the surface.

1. Application should be performed in a continuous process without interruption to avoid overlap. Use enough material to keep the surface moist for at least 5 minutes.
2. Spread the product evenly using a microfiber mop, microfiber cloth or sponge so that no puddles form.
3. Horizontal surfaces, which are exposed to wear, should be finished with a high speed polishing machine, (approx. 1500 rpm) so that a friction temperature of approx. +35° C is achieved. It increases the repellency effect and extends service life.

For special conditions or questions, please contact us for advice.

## DRYING TIME:

- 1 h: Ready for foot traffic
- 8 h: Ready for car traffic and moisture
- 24 h: Ready for acids and oils
- 7 dygn: Full protection achieved

## COVERAGE::

Depends on the absorbency of the substrate. Example:  
Untreated absorbent concrete: 5 - 10 m<sup>2</sup> / liter  
Controll Innerseal / Plus impregnated concrete: 30-40 m<sup>2</sup> / liter.

## CLEANING:

Tools and sprayers are rinsed clean in water immediately after use. Spills and drains must be wiped up without delay.

## MAINTENANCE:

Do not use acidic or alkaline cleaners in high concentrations. For cleaning, concrete soap is generally recommended. If necessary, the protection can be renewed through a new treatment. The consumption will then be significantly lower than at the first treatment.

## SAFETY & HEALTH:

Provide good ventilation. Protect respiratory system from spray mist which may cause irritation. No harmful effects are known but we recommend gloves and goggles when applying. Carefully read the safety data sheet before starting work..

## STORAGE AND DURABILITY:

Store in a cool, dark place. 1°- 25° C. Shelf life over 12 months, see best pre-date on the packaging.

## ENVIRONMENTAL CERTIFICATES:

Environmentally assessed and approved by Swedish **SundaHus** and **Bygghvarubedömningen**



## CE-labeled: EN 1504-2:2004, System 2+/System 4

Products and systems for protection and repair - Part 2: Surface protection products for concrete, table: ZA.1a

## Abstract of Declaration of Performance (DoP):

Depth of penetration . . . . .	Class I ≤ 10 mm (6 mm)
Drying rate coefficient . . . . .	Class I > 30%
Reaction to fire . . . . .	Euro class 1 (fireproof)
Dangerous substances comply with . . . . .	5.4 / No requirements

## PRODUCT DATA:

Appearance . . . . .	White liquid
pH . . . . .	7.0
VOC content . . . . .	0,0 g/lit
Density . . . . .	1,0 g/cm <sup>3</sup>
Flash point . . . . .	Missing
Freezing point . . . . .	0° C
Fire . . . . .	Non-flammable
Packing . . . . .	4 liter, 20 liter
Storage/shelf-life . . . . .	Cool, dark / min. 12 months

## MANUFACTURER:

Betongtett A/S, Kleppesto, NORGE

## INTERNATIONAL SALES, TRAINING AND SUPPORT:

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