

**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.
(Infl uence of materials on
water in-tended for human
consumption, infl u-ence of
migration.)

PRODUCT DATA:**COVERAGE:**

0.15-0.3 l/m2 depending on
the absorptive capacity of the
substrate.

APPEARANCE:

Transparent liquid

pH:
11

VOC CONTENT:
0 g/l

DENSITY:

1.0 g/cm3



Topseal

Hydrophobic Sealer

DESCRIPTION:

Controll®Topseal belongs to the new generation of environmental-ly-friendly products and provides an effective moisture blocker on all types of vertical masonry, brick, plaster and concrete surfaces. It provides a strong dirt and water repelling surface that is easy to maintain and keep clean, prevents plant and algae growth and provides excellent resistance to efflorescence, air pollution and UV radiation.

TYPICAL APPLICATIONS:

All types of indoor brick/plaster and concrete surfaces requiring sealing/dust binding.

- Brick
- Walls
- Garages
- Ceilings
- Plastering
- Facades
- Indoor fireplaces
- Sandstone

PRODUCT HIGHLIGHTS:

It is applied using a low-pressure sprayer and one coat is normally sufficient. On very absorbent surfaces two coats is recommended.

The product provides a robust transparent water-repelling protection for all types of brick and concrete surfaces. The result is a crystalline structure that prevents absorption of water but allows vapour to pass through (diffusion).

Controll®Topsealin is widely used in the professional field where it has been recognized for its ease of use, efficiency and positive environmental impact.

The treatment can last up to 10 years and does not change surface colour, structure and leaves no film.

NB: This product cannot be painted over

PREPARATIONS:

The surface to be treated must be cleaned, free of paint, grease or any other coating that may obstruct the substrate's absorption. Protect glass, aluminium and other polished or painted surfaces to prevent staining. The temperature during application and for the following 24 hours must be between 5°C and 40°C.

Manufacturer:

BETONGTETT AS
Storebotn 13 D
5309 Kleppesto
NORWAY

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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:

Completely dry and waterproof within 24 hours.

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.



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DIRECTIONS FOR USE:

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

Apply with a low-pressure sprayer and one coat is normally sufficient. On very absorbent surfaces two coats wet on wet is recommended with approximately 5-15 minutes interval between applications until full saturation is attained.

In case of spills, flush immediately with water.

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

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DoP no.: CI 003

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EXTRACT FROM DECLARATION OF PERFORMANCE:

Depth of penetration	Class II >10 mm
Abrasion resistance	> 30 %
Permeability	W < 0.1 kg/m2
Impact resistance	Class III: >20 Nm
Diffusion of chloride ions	NPD
Reaction to fire	Euro class 1 (fireproof)
Dangerous subst. comply with	5.4 / No requirements



Where Water Lives



TESTED PRODUCT
ID 0210 - 11806 - 006



TECHNISCHE
UNIVERSITÄT
MÜNCHEN



Life-365 Service Life Prediction Model™
for reinforced concrete exposed to chlorides



your Science Partner

