

Aquatek Sulfablock

Water based chloride and nitrate-free barium solution for passivating sulphate salts in masonry structures.



• field of application

- Passivating dissolved sulphate salts through formation of insoluble complexes.
- Restoration of façades especially for older buildings but also preventative on newly build façades before applying a render or Aquatek cement-based waterproofing coating.

• advantages

- Excellent penetration.
- Dissolves lime residue and cement dust.
- Vapour permeability is maintained.
- Does not hydrophobate the surface.
- Also protects against chlorides and nitrates in combination with a subsequent application of Aquatek Saltstop.

• description

1-component acidic impregnation agent. Aquatek Sulfablock is an odourless light green liquid in its uncured form.

• application

1. Surface preparation

- Remove old coatings, renders and grouts at least 80 cm above the upper edge of the masonry salts deposits or dampness.
- Chase out defective mortar joints to a depth of at least 2 cm deep. Re-point where necessary.
- Clean surface with a stiff brush.

2. Analysis of ascending salt

- To make the correct selection of Aquatek product for passivating dissolved salts a simple analysis of the salt deposit needs to be performed.
- Take a small sample of the salt deposit from the masonry surface in a cup and dissolve in distilled water (DIY grade).
- Insert the sulphate test strip. If the strip colours, the deposit is a sulphate salt deposit and Aquatek Sulfablock needs to be used.
- If the sulphate test strip does not colour insert the nitrate test strip.
- If the nitrate test strip colours, the deposit is a nitrate deposit and Aquatek Saltstop should be used.
- If the nitrate test strip does not colour, the deposit is another salt or contamination. Please contact your De Neef Representative for more information.

• technical data/properties

• appearance

Light green odourless liquid.

• consumption

Consumption depends on surface absorption and ranges between 0,5 and 1,0 kg/m².

• packaging

5 and 25 kg plastic jerry cans.

• storage

Aquatek Sulfablock should be stored in closed, original jerry can in a cool but frost-free location.
Shelf life: 2 years.

• accessories

Must be purchased separately

- Sulphate test strips.
- Nitrate test strips.

• health & safety

Always wear protective clothing, gloves, and safety goggles.
Treat splashes to eyes and skin immediately and abundantly with clean water. Consult a doctor. For full information, consult the relevant Material Safety Data Sheet.

3. Application

- Pour Aquatek Sulfablock into an open pail or the recipient of the spraying equipment and stir well before using.
- Apply Aquatek Sulfablock several times wet-on-wet. Apply with brush or low pressure surface sprayer with a wide spray nozzle.
- Apply second coat as soon as first coat has been absorbed.
- After at least 2-3 hours after the final coat of Aquatek Sulfablock, start the application of Aquatek Saltstop or the chosen Aquatek cement based waterproofing coating.

4. Cleaning and maintenance

Clean tools with clean water while Aquatek Sulfablock is still fresh.

Property	Value
pH value	approx. 2,5
Density	1,04 kg/dm ³
Colour	light green
Viscosity	approx 20 mPas