

# Aquatek Saltstop

Masonry salt inhibitor. Low alkali, colloid disperse, silicic acid compound for prevention of masonry salts efflorescence, like chlorides and nitrates.



• **field of application**

Restoration and renovation of masonry structures which contain damaging chloride or nitrate salts. For sulphate salts a pre-treatment with Aquatek Sulfablock needs to be provided. Do not use on fair-faced brickwork.

• **advantages**

- Excellent penetration.
- Blocks salt transport through the masonry structure.
- Vapour permeability is maintained.
- Additional surface strengthening is achieved on weak masonry through formation of silica gel.

• **description**

1-component water soluble impregnation agent. Aquatek Saltstop is an odourless red 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 salt deposits or dampness.
- Chase out defective mortar joints to a depth of at least 2 cm deep. Re-point where necessary.
- Replace heavily damaged stones.
- Brush off visible salt deposits.
- Pre-moisten substrate thoroughly.

**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

### 3. Application

- Pour Aquatek Saltstop into an open pail or the recipient of the spraying equipment and stir well before using.
- Apply Aquatek Saltstop onto the still wet surface after pre-moistening. Surface needs to be at least slightly damp.
- Apply Aquatek Saltstop by broom, brush or low pressure surface sprayer with a wide spray nozzle.
- Depending on the substrate porosity apply the first coat diluted with water, then apply undiluted to saturation of the substrate.
- For final waterproofing of the structure, apply the chosen Aquatek cement based waterproofing coating wet-in-wet into the freshly treated surface.

### 4. Cleaning and maintenance

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

Property	Value
pH value	approx. 11,5
Density	1,1 kg/dm <sup>3</sup>
Colour	Red
Viscosity	10 mPas
Water absorption	W ~ 0,2 kg/m <sup>2</sup>
Diffusion equivalent air layer thickness	Sd ~ 0,05 m (characteristic value for approx. 5 mm penetration depth)

## • appearance

Red liquid.

## • consumption

Normal consumption: 0,4 to 0,6 kg/m<sup>2</sup>.

## • packaging

5 and 25 kg plastic jerry cans.

## • storage

Aquatek Saltstop 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

Aquatek Saltstop is classified as irritant.  
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.