

# Seire

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## HIDROFUX 10

**Solvent-based water-repellent impregnation**

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Easy to apply

Good penetration into concrete

Water-repellent

Permeable to water vapour

Weatherproof

Unaltered appearance of treated materials

Improves resistance to freeze-thaw cycles

Vertical and horizontal application



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# HIDROFUX 10

## Solvent-based water-repellent impregnation

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### Product description:

HIDROFUX 10 is a liquid product with very low viscosity based on silane/siloxane mixtures in organic solvent which constitutes a water-repellent agent for mineral substrates.

Recoatable after 24 hours with facade protection paints, anticarbonation and similars

On application, HIDROFUX 10 reacts with the siliceous part of the treated construction material, creating an active water-repellent substance that fixes on the walls of the pores and capillaries. Thus, the water absorption capacity of the material is avoided, without impairing its permeability to water vapor.

Improves aesthetic appearance, reducing efflorescence and prevents dirt entering the pores and facilitating maintenance.

After curing, HIDROFUX 10 is waterproof, resistant to chemical agents, frost and weathering, and is water vapour breathable.

### Applications:

HIDROFUX 10 makes porous construction materials water-repellent:

- Concretes.
- Mineral plasters.
- Brick-faced facades
- Masonry; brickwork, mortars, blocks, tiles...
- Fibre cement sheeting.
- Natural stone.

### Substrate preparation:

The substrate must be clean, dry, hard, solid and free of dust and other loose particles such as paint, limescale, mortars, plasters, adhesive residues, varnish residues, waxes, fats, oils, dust and other similar contaminants which may impair penetration.

Repair any cracks, crevices or holes before application.

### Recommendations:

HIDROFUX 10 should be stirred before use.

Ensure proper ventilation during application and curing.

### Limitations:

Do not use HIDROFUX 10 where ambient and/or substrate temperatures are less than 5°C or less than 3°C above the dew point.

Do not use where ambient and/or substrate temperatures exceed 30°C or where ambient humidity exceeds 85%.

### Method of application:

Apply HIDROFUX 10 directly on the building material, using a roller or airless system at low pressure.

The waterproofing process will be carried out in a minimum of 2 layers applying by the wet-on-wet process, waiting 3-4 hours between layers.

The application will be carried out starting from the upper part so that the liquid is wetting about 20-30cm below the point of application.

It must be ensured that the entire surface is perfectly impregnated to achieve an optimal result.

Poorly absorbent surfaces may require a single coat of application.

**Roller application:** Recommended for small surfaces. The roller to be used must be of medium or anti-drop hair.

**Spray application:** For large surfaces, a low-pressure airless machine can be used (eliminating the nozzle is enough) or a manual type sprayer.

### Consumption:

Recommended consumption of HIDROFUX 10 is 0.2 - 0.5 kg/m<sup>2</sup> per coat, depending on the absorption capacity of the building material to be impregnated.

### Cleaning of tools and equipment:

HIDROFUX 10 can be cleaned immediately after use using a solvent such as ARDEX RTC.

### Residues/spillages:

Any spillage from any product must be removed immediately with sand, vermiculite or other inert material and collected in a suitable container for proper handling and treatment.

Residues from spillage and empty containers must be dealt with in accordance with local regulations.

See product safety sheet for further information.

### Storage:

HIDROFUX 10 can be stored for up to 12 months in its original unopened packaging. The product should be stored in a dry place between +5°C and +30°C. Keep away from icy conditions, direct sunlight and heat sources.

### Precautions:

This product contains solvents with low boiling points. The product is flammable and should only be applied where well ventilated. Keep away from naked flames and intense sources of heat.

Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention. Wear safety goggles and gloves while mixing and during application. Once dry, the product is physiologically and ecologically neutral.

For further information, see product safety sheet.

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### Technical data

*(based on tests conducted in our laboratory according to current regulations)*

<b>Appearance:</b>	Colourless liquid.
<b>Density:</b>	Aprox. 0.8 g/cm <sup>3</sup>
<b>Water solubility:</b>	Immiscible
<b>Application temperature:</b>	5-30 ° C.
<b>Consumption:</b>	Depending on the porosity of the substrate: 0,2-0.5 Kg/m <sup>2</sup> .
<b>Recoatable (20°C)</b>	24h
<b>Packaging:</b>	25 litres.
<b>Storage:</b>	Approx. 12 months in a dry place and in original unopened packaging.

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*Seire takes responsibility for the quality of its products. The application recommendations given are based on tests and practical experience.*

*We will not be held responsible for the product or its application in case of any dosage or application other than as described and recommended. For any questions about this product, please contact our Technical Department. This data sheet remains valid until a new edition is issued.*

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