

Seire

HIDROFUX 20W

Water repellent water-based, polysiloxane emulsion

Water-based, solvent-free

Easy application

Alkaline pH resistant

Good penetrability on porous substrates

Impermeable to liquid water

Permeable to water vapour

Weatherproof

Does not change appearance of the treated materials

Improves resistance to freeze-thaw cycles

Protects against efflorescence

Vertical and horizontal application



SEIRE PRODUCTS, S.L.

P.I. Albolleque, Sector III

C/Los Muchos, 34-36

19160 - Chiloeches (Guadalajara)

T. 34 902 124 411

F. 34 902 124 414

seire@seire.net

HIDROFUX 20W

Water repellent water-based, polysiloxane emulsion

Product description:

HIDROFUX 20W is a liquid product, with very low viscosity, based on a water-based, polysiloxane emulsion with superior penetrating power and water-repelling effect on porous mineral substrates.

When applied, HIDROFUX 20W reacts with moisture in the air or in the pores of the treated construction material, creating an active substance on the sides of the pores and capillaries.

Improves aesthetics, reducing efflorescence, preventing entry of dirt into pores and facilitating maintenance.

After curing, HIDROFUX 20W is waterproof, resistant to chemical agents, frost and weathering, and is water vapour breathable.

Applications:

HIDROFUX 20W makes porous building materials water-repellent:

- Concretes.
- Absorbent ceramic tiles.
- Mineral plasters.
- Brick-faced façades
- Masonry materials; bricks, mortar, blocks, tiles...
- Fibre cement sheeting.
- Natural stone.

Substrate Preparation:

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

Any cracks, crevices or holes must be repaired beforehand.

Mortar and concrete must be at least 28 days old before waterproofing.

To clean surfaces, use hot or cold pressurized water cleaning equipment, or chemicals (acids and biocides).

Recommendations:

HIDROFUX 20W should be shaken before use.

Protect glass panes in windows and doors and other sensitive materials from splashes.

Ensure proper ventilation during application and curing.

Limitations:

Do not use HIDROFUX 20W where ambient and/or substrate temperatures are less than 10°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%.

When cleaning the substrate with chemicals, first test the substrate's compatibility with the reagent.

Method of application:

Apply HIDROFUX 20W directly to the building material, by roller or by low pressure airless system.

Make sure the entire surface is perfectly covered for optimal results.

Apply working from the top down so that the liquid wets 20-30cm below the point of application.

Roller application: Recommended for small surface areas. Use medium nap or anti-drip roller; apply in at least two coats, saturating the surface without waiting for the first coat to dry (wet on wet).

Spray Application: For large areas use an airless machine or manual knapsack type spray. To avoid breaking up the emulsion, work at low pressure (removing the nozzle is enough). The waterproofing process is performed using a minimum of two layers applied wet on wet.

Substrates with poor absorption may require a single coat application.

Consumption:

Recommended consumption of HIDROFUX 20W is 0.15 to 0.4 kg/m² per layer, depending on absorptive capacity of the building material being covered.

Tool cleaning:

HIDROFUX 20W can be cleaned from tools and equipment immediately after use using water.

Residues/spillages:

Any spillage from any of the products 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 20W can be stored for up to 12 months in its original unopened packaging. The product should be stored in a dry place between +10°C and +35°C. Keep away from frost, direct sunlight and sources of heat.

Precautions:

Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention.

Safety goggles and gloves must be worn at all times while the product is being mixed and when applying the product.

For more information see the product safety sheet. After drying, the product is physiologically and ecologically neutral.

Technical data

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

Appearance:	Milky.
Density:	Approx. 1.0 g/cm ³
Colour:	White.
Viscosity (Ford cup 4):	15 seconds.
Yield:	Between 150 and 400 gr/m ² , depending on substrate porosity
Packaging:	25 litre can
Storage:	In dry environments at temperatures between 10-35°C for about 12 months in original sealed container.

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.

Edition: October 2014

