

HYDROSTOP®

TRANSPARENT WATERPROOFING LIQUID, NON FILM-FORMING WITH A HIGH PENETRATION



PRODUCT PROPERTIES

HYDROSTOP is a product formulated with special silanes and polyisiloxanes in an aqueous emulsion, that give it a high water repellency and penetration; reacts chemically with the support by creating a durable hydrophobic barrier and blocking water infiltration.

HYDROSTOP is colourless, does not alter the appearance of the support and leaves them breathable, does not form surface films, is not degraded by footsteps and allows interventions without demolitions.

IDEAL USES

HYDROSTOP is a suitable product for waterproofing mineral supports, both vertical and horizontal, like plasters based on hydraulic binders, concrete, gypsum/stucco, fibrous cement, natural stones and bricks. Particularly suitable for waterproofing tiled floors (terraces and balconies) in terracotta, porcelain, stoneware or clinker. HYDROSTOP keeps the appearance of the treated surface unaltered, and penetrates into the capillaries and pores of the mortar between tiles to prevent water infiltration without creating an evaporation barrier. Also ideal as a water repellent for impregnating rough wood.

TECHNICAL CHARACTERISTICS

SPECIFIC WEIGHT: 0.95 ÷ 1.05 Kg/Litre.

SPREADING RATE BY HAND: 2 ÷ 6 m²/litre depending on the porosity and absorption of the support.

EMISSIONS LIMITS for Volatile Organic Components (VOC): EU VOC limit values (Directive 2004/42/EU) for this product (Cat. A/h; BA): 50 g/l (2007); 30 g/l (2010). HYDROSTOP contains at most 30 g/l of VOC.

WAY OF USE

PREPARATION OF THE SURFACE: on vertical mineral supports, make sure these are dry and cured, any carry out restorations or grouting, and apply one or two coats of HYDROSTOP (wet on wet).

On tiled horizontal supports like balconies or terraces, it is advisable that before applying HYDROSTOP you remove any detachable elements like dust, oils and/or grease or detachable parts, seal any cracks and fill any joints where necessary.

APPLICATIONS: HYDROSTOP can be applied with a pure bristle brush or roller. It is possible to apply the product manually in one coat, especially in more absorbent areas, or in 2 coats wet on wet.

The excess and unused product should be removed with a clean cloth after 30 minutes at most.

DRYING AT 20°C AND 65% R.H. : touch dry after about 2 hour, at depth after about 24 hours.

TIME BETWEEN COATS: 20 ÷ 30 minutes at 20 °C.

DILUTION: ready to use product.

ENVIRONMENTAL CONDITIONS: apply at an ambient and/or substrate temperature of between 5°C and 35°C.

PRECAUTIONS:

It is advisable to apply the product in favourable weather conditions, as indicated above. Applying the product under unfavourable weather conditions has a negatively effect on drying times, compromising optimal achievement of the performance characteristics. Protect the support from rain for at least 24 hours after application.

The product waterproofs surfaces with pores or micro-cracks, but cannot seal holes of circa 1 mm.

For wooden surfaces, it is necessary to check their compatibility by a preliminary test application.

Do not apply on non-absorbent painted surfaces.

TOOLS CLEANING: Clean with water immediately after use.

SALE PACKAGING: 1 l - 5 l - 25 l.

AVAILABLE COLOURS: colourless.

CONSERVATION AND STORAGE: if stored in a cool, dry place away from frost, the product can be stored for at least 18 months from the date of purchase.

NOTE: This document has been prepared to the best of our scientific and technical knowledge.

Di Donato SpA accepts no responsibility for results achieved when using this product, as the conditions and methods of application are beyond our control.

We recommend you check the product is suitable for the intended use before you apply it.

