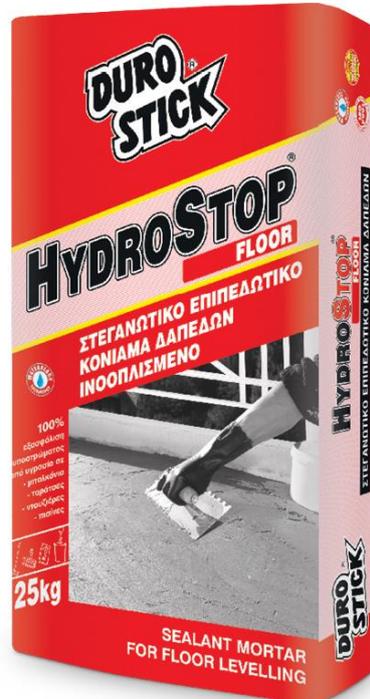


HYDROSTOP FLOOR



Fiber reinforced floor levelling & waterproofing mortar



PROPERTIES:

Brushable, cement based, waterproofing mortar that protects light weighted insulations from absorbing water, especially in case of cracks at the cement mortars or in case they are friable and getting dusty. Cracked tile and marble grouts transform perlite or foam concrete insulations to “water tanks”. This common phenomenon oxidizes the concrete armor, leading to its progressive attenuation while deteriorating the plaster coat and paints.

Classified as a protective for concrete surfaces (c) per EN 1504-2.

APPLICATIONS

HYDROSTOP FLOOR is necessary before setting tiles and marbles, for sealing the substrate at swimming pools, showers, balconies, terraces, Porobeton. Suitable for leveling surfaces and proofing them against humidity, especially where no plaster is applied. At surfaces which are exposed to intense temperature changes, capillary cracks appear and an elastic sealant is required, as well as at the joining points between

horizontal and vertical surfaces which are covered with skirting boards, the addition of DUROSTICK D-20 acrylic emulsion or DUROSTOP at the mixing water, at a 1:1 ratio is recommended, in order to create an elastic film. It is recommended that tile setting is executed at least two days later.

USE:

USE

Surface preparation

Clean all surfaces from dust, oils, grease, loose debris, and necessarily rinse with water thoroughly. Empty the mortar into a clean container with cool water, at a ratio of 7.0-7.5lt of water to 25kg of mortar, and mix with a low rpm electric mixer or a clean cement mixer, until a lump free, homogeneous mass is created.

Application

HYDROSTOP FLOOR is applied at a wet surface at 2 – 3 equally thick crossed layers of 1 mm each, with the second layer applied 3 - 4 hours after the first one, with the use of a big brush, relief paint roller, “T” shaped tool or the back of

HYDROSTOP FLOOR



Fiber reinforced floor levelling & waterproofing mortar

a notched tile adhesive trowel. Recently coated surfaces must be protected from high temperatures, rain and frost. The newly coated surface must be protected from rain or frost for the next 24 hours, after completion of each coat

NOTES

The product, after hardening, is harmless to health.

CONSUMPTION

1.3kg/m² /mm thick coat.

STORAGE

Store in factory sealed packages, in dry and shaded places for a minimum of 12 months after production date.

SAFETY DIRECTIONS

The product contains Portland cement. Before use, refer to the cautions on the product packaging or the Material Safety Data Sheet.

PACKAGING

Paper bag of 25kg on 1,500kg pallet

DUROSTICK S.A.

MANUFACTURING OF ADHESIVES, PAINTS & MORTARS

ATHENS: ASPROPYRGOS, ATTICA, GR: 193 00, Tel: +30 211 60 03 500-599, +30 210 55 16 500, +30 210 55 98 350, Fax: +30 210 55 99 612

THESSALONIKI: INDUSTRIAL PARK-SINDOS, S.B. 44, STREET, DA 10, GR: 570 22, Tel: +30 2310 795 797, +30 2310 797 365, Fax: +30 2310 797 367

E-mail: info@durostick.com

TECHNICAL SPECIFICATIONS (Measurement conditions 23°C and 50% R.H.)	
Form - Color	Fiber reinforced cementitious
Toxic	No
Maximum grain size	0.6 mm
Bulk density of dry mortar	1.25±0.05 kg/lt
Bulk density of fresh mortar	1.60±0.05 kg/lt
Water requirement:	7.0lt water in 25kg mortar
Application temperature	From +5°C to +20°C
Temperature resistance	From -20°C to +70°C
Pot life	2 hours
Foot traffic	After 3 hours
Waterproofing per DIN 1048	Until 7Atm (kg/cm ²) in water presure
PRODUCT PERFORMANCES	
Strength after 28 days, per EN 12808-3, in	
Flexion	7.00±1.00 N/mm ²
Compression	30.00±1.00 N/mm ²
Shrinkage per ASTM C596	Zero
Permeability SD in CO ₂ per EN 1062-6	sD > 50 m
Water vapour permeability SD per EN ISO 7783-2	SD < 5 m [class I, (water vapour permeable)]
Capillary absorption of water (c) per EN 1062-3	w ≤ 0,1 kg/m ² .h ^{0,5}
Adhesion to concrete per EN 1542	≥ 1,00 N/mm ²
Impact resistance per EN ISO 6272	50Nm (Class III)
Reaction to fire after application	Euroclass A1

The technical specifications and directions of use contained in this technical brochure are the results of the knowledge and experience of the company's research and development department, as well as from the real-life applications of the product. The recommendations and suggestions regarding the use of the products are made without guarantee since the respective conditions during their application are beyond the control of the company. For this reason, it is the user's responsibility to make sure that the product is suitable for the intended application as well as the application conditions of the project.