

DUROSTICK D-18



Silicone based water repellent agent for plaster & concrete



PROPERTIES

Water repelling impregnation liquid, with silicone based resins and solvents. It has increased durability against alkaline environment and high penetrating capability (microtechnology). It does not create a surface film, nor does it shine, remains clear, and does not yellow over time. It does not stick after drying, protects the surfaces from absorption of moisture and stains and does not favor the growth of mold. Does not affect the breathability and appearance of the structural elements to which it is applied and retains its properties for at least 10 years.

ADVANTAGE

It is a proven fact that the presence of moisture within construction elements, by more than 5%, reduces the thermal insulation capability of the building. The combination of waterproofing and breathability, when D-18 is applied, prevents the unnecessary energy consumption for heating. That results in the increase of internal temperatures, it reduces heating costs and prevents water vapour condensation.

APPLICATIONS

DUROSTICK D-18 protects plaster from weathering and concrete from carbonation for at least 10 years. It replaces the priming and painting with emulsion or acrylic paints of unpainted surfaces, in coastal areas. This is particularly true when the whiteness of the plaster is adequate. The end result allows for the complete breathability of plaster, ensuring healthier living conditions. It is necessary to protect colored plasters on interior and exterior surfaces.

USE

1. Surface preparation

Concrete and marble based plaster surfaces must be clean, dry and free of loose materials. At least 15 days, at a minimum, must have passed, after their construction before the application of the product. Before applying D-18, it is recommended to protect all doors and windows. Any stains resulting from the application of the product, have to be removed immediately with white spirit or DUROSTICK THINNER 101.

DUROSTICK D-18



Silicone based water repellent agent for plaster & concrete

On new concrete surfaces, make sure to remove any formwork oils using the biodegradable oil cleaner BIOCLEAR INDUSTRIAL. Continue by applying 2 coats, of 1mm thick each one, with the corrosion inhibitor RUST FREE POWDER of DUROSTICK over all exposed rebar. Complete the repair with D-55, DUROFIX or DS-245 POWER MORTAR RAPID of DUROSTICK.

New marble based plaster surfaces, sand with No60 sandpaper.

For spackling, apply STUCOFIX-P, POWDER COAT, GRANULAR ULTRA or GRANULAR of DUROSTICK or any combination of them, depending on the imperfections of the surface and how smooth the finish is required to be.

Soiled surfaces from soot and exhaust gases, are cleaned using biodegradable cleaner, BIOCLEAR (for nicotine and soot) of DUROSTICK.

Marble based plaster surfaces with intense cracks are sealed with the fast setting repair plaster, D-32. Concrete surfaces are sealed with the repair mortar D-55 of DUROSTICK

For filling gaps around frames, use the paintable ACRYLIC CAULK, DUROFLEX-PU or DS POLYMER of DUROSTICK, available in 32 colors.

2. Application

Apply D-18 as is, using a brush, a roller or a garden sprayer in one coat, until saturation or in two successive coats. The second layer is applied while the first is still fresh.

CLEANING

Clean all tools with THINNER 101 of DUROSTICK or white spirit, immediately after use.

CONSUMPTION

200-400ml/m² per coat, depending on the absorbency of the surface.

STORAGE

Store in closed containers away from any heat source, for at least 18 months from production date.

SAFETY DIRECTIONS

The product is classified as flammable and harmful. It is recommended to keep away from the reach of children and apply it in well ventilated areas. Before use, refer to the cautions on

the product packaging or the Material Safety Data Sheet.

NOTE

After drying, the product is harmless to health.

PACKAGING

Carton box with 15 pcs of 1lt each one

Carton box with 6 pcs of 4lt each one

15lt container

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

THESSALONIK: INDUSTRIAL PARK-SINDOS, S.B. 44,
STREET, DA 0, GR: 570 22, Tel: +30 2310 795 797, +30
2310 797 365, Fax: +30 2310 797 367

E-mail: info@durostick.com