

6.4 Acrylic paints for plaster & concrete

DUROSTICK 10 YEARS WARRANTY 100% Acrylic paint

PROPERTIES

DUROSTICKS' premium quality acrylic paint that is resistant to moisture and frost, sunlight, environmental pollution and alkalis. It allows for the breathability of surfaces, being at the same time water vapour permeable.

It creates a carbonation barrier on exposed concrete surfaces. It does not saponify. Distinguished for its unique coverage and exceptional whiteness, while providing excellent workability. Certified 'cool' paint (low thermal conductivity), with high reflectivity, certified by University of Athens, Department of Physics, Application Physics Division, as 100% acrylic paint for exterior wall surfaces.

APPLICATIONS

DUROSTICK 10 YEARS WARRANTY is ideal for all new or existing exterior surfaces, made of plaster or concrete. Apply it safely, even on buildings in coastal areas, in close proximity to the sea and wet locations in general.

It is also exceptional for all interior surfaces made of concrete, and plaster, drywall, as well as cement board, etc. Use it for any interior spaces that require frequent cleaning of its surfaces, e.g. children rooms, areas exposed to nicotine and tar, public and private offices, hospital areas, catering places etc.

USE

1. Substrate preparation

Surfaces from concrete and marble based plaster have to be dry, at least 30 days from their construction, and free from loose materials.

For new concrete surfaces, make sure to remove any formwork oils using the biodegradable oil cleaner BIO-CLEAN INDUSTRIAL.

Then, apply two, 1mm thick coat each one, of the corrosion inhibitor RUST FREE POWER of DUROSTICK, on any exposed rebars. Once dry, cover the rebars with repair mortar DUROFIX of DUROSTICK. Finally, prime with SOLVENT BASED PRIMER of DUROSTICK, diluted with THINNER 101 or white spirit.

For new marble based plaster sur-

faces, sand them down using #60 sandpaper and prime using 100% ACRYLIC PRIMER, AQUAFIX, micromolar stabilizer or SOLVENT BASED PRIMER of DUROSTICK.

For skimming or spackling, use STUCOFIX paste, STUCOFIX-P, POWDER COAT, GRANULAR ULTRA or GRANULAR of DUROSTICK, or any combination of the above, depending on the surface imperfections and smoothness of the finish required. Follow by priming the surfaces.

Already painted surfaces require just two coats of DUROSTICK 10 YEARS WARRANTY.

Surfaces soiled with soot and air pollution, are cleaned with the biodegradable cleaner BIOCLEAN (for nicotine and soot) or they are primed with METAL PRIMER of DUROSTICK.

For peeling surfaces, remove all loose materials and prime using 100% ACRYLIC PRIMER, or AQUAFIX, micromolar stabilizer of DUROSTICK.

Marble based plaster surfaces with severe cracks, are sealed with fast setting repair plaster D-32. Surfaces of concrete are sealed with repair mortar D-55 of DUROSTICK and primed afterwards as described before. Especially on surfaces with intense expansions and contractions, the applications of the water repelling, flexible plaster, HYDROSTOP PLASTER ELASTIC or the innovative and flexible, multipurpose, repairing cementitious mortar, MEGAFIX of DUROSTICK, is highly recommended.

Fill the joints around door and window casings, by using the paintable ACRYLIC CAULK for interior use, the elastomeric sealant DUROFLEX-PU of DUROSTICK for exterior use, or the versatile sealant and adhesive for interior/exterior use, DS-POLYMER, available in 32 colors.

2. Application

Dilute DUROSTICK 10 YEARS WARRANTY with water at a ratio of 5-10%, depending on the substrate, and mix well. Both DARK and TRANSPARENT bases are diluted with water at a ratio of 2-5%. Apply with brush, roller or airless spray gun in 2 coats. Apply the second coat, after the first one has fully dried.



Durocolor
MEASURING SYSTEM FOR SHADE RENDERING



SRI: 114

SR: 90%

e: 0.84

TECHNICAL SPECIFICATIONS

Available color	White that does not yellow over time
Colors	20 basic DUROCOLOR liquid pigments in 20ml syringe packaging, that create 120 permanent colors. The Pal, Dark and Transparent bases are colored via the COLOR COLLECTION System in any desired color.
Washability	> 22.000 cycles (per DIN 53778)
Gloss	Matte
Drying time	1 hour (touch dry), depending on the ambient conditions
Recoating time	4-5 hours, depending on the ambient conditions
Application temperature	From +8°C to +35°C
Flammable	No

V.O.C. (Volatile Organic Compounds):

Limit value of maximum V.O.C. content per EC (Directive 2004/42/EC) for the particular product (Class A/c: 'Coatings for exterior walls of mineral substrate' Type WB): 40 gr/lit (2010). Ready to use product contains maximum 39 gr/lit V.O.C.

CLEANING

Clean all tools with water and detergent solution, immediately after use.

CONSUMPTION

1kg/6-8m² per coat, on properly prepared surfaces.

STORAGE

Store in places protected from sunlight and frost, for at least 18 months from production date.

SAFETY DIRECTIONS

The product needs no hazard labeling under current European and National legislation. However, it is recommended to keep the product away from the reach of children. If swallowed, seek immediate medical advice and show the container or label.

LIMITATION OF USE

Do not apply if the outdoor temperature is below +8° or there is a chance of rain or frost within the next 12 hours.

PACKAGING

Carton box with 12 pcs of 1kg (750ml) each one
5kg (3lt) container (on a 120pc pallet)
15kg (10lt) container (on a 48pc pallet)

