

6.4 Acrylic paints for plaster & concrete

D-80 HYDROSTOP elastic Elastomeric paint and sealer



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 paint bases are colored via the COLOR COLLECTION System in any desired color.
Washability	>22.000 cycles (per DIN 53778)
Carbonation barrier (EN 1062-6)	Estimated value of equivalent air layer thickness sd 200-250m
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.

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

5kg (3lt) container (on a 120 pc pallet)
15kg (10lt) container (on a 48 pc pallet)

PROPERTIES

Elastomeric paint and sealer that is suitable for exterior use on various vertical surfaces - walls. Apply it on new or previously painted surfaces. It covers hairline cracks and prevents their reappearance. It shields all surfaces that is applied on and remains flexible through a wide range of temperatures (from -20°C to +80°C). It is exceptionally durable to rapid temperature changes, and intense sunlight (pic.1). It is resilient to constant moisture, snow and frost (pic.2), in urban, mountainous and coastal environments. Its excellent whiteness and high coverage delivers timeless and perfectly finished surfaces without any need for recoating with other acrylic paints for many years to come.

APPLICATIONS

D-80 HYDROSTOP elastic is ideal for any kind of new or existing wall surfaces made of plaster and concrete, in areas where adverse weather conditions persist all year round (air pollutants, buildings in coastal and mountainous areas, etc.).

USE

1. Surface preparation

Concrete and marble based plaster surfaces have to be dry, cured for at least 30 days after 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.

Continuing, 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 surfaces, 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 D-80 HYDROSTOP elastic.

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 sections 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 application 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 HYDROSTOP D-80 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.

CLEANING

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

