

D-80 HYDROSTOP elastic



Elastomeric and sealing paint



■ PROPERTIES

Top quality elastomeric and sealing paint that is suitable for exterior use on vertical surfaces - walls. With excellent waterproofing properties, it shields surfaces, covers capillary and hairline cracks and 'prevents' their reappearance. Successfully follows expansions and contractions of the surface by remaining flexible from -20°C to + 80°C. Exceptionally durable to rapid temperature variations and intense sunlight, constant moisture (does not saponify), snow and frost, in urban, mountainous or coastal environment. It has high adhesion, great coverage and performance. With high whiteness, but also available in hundreds of shades, it gives surfaces a timeless and flawless finish.

The product has received an Environmental Product Declaration (EPD) following an assessment of the environmental impact of its life cycle.

Registration number: S-P-03340,
The International EPD® System.

■ APPLICATIONS

D-80 HYDROSTOP elastic is ideal for any kind of new or existing wall surfaces made of plaster, concrete, cement board etc., 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 BIOCLEAR INDUSTRIAL. Continuing, apply two, 1mm thick coat each one, of the corrosion inhibitor RUST FREE POWDER of DUROSTICK, on any exposed rebars. Once dry, cover the rebars with repair mortar

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DUROFIX or the thixotropic rapid set repair mortar DS-245 POWER MORTAR RAPID 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 BIOCLEAR (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. Concrete surfaces 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 flexible and multipurpose, repair 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 D-80 HYDROSTOP elastic 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.

■ LIMITATION OF USE

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

■ CLEANING

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

■ PERFORMANCE

Approximately 10-13m²/lt per coat, depending on the texture, the absorbency of the surface and the method of application.

■ STORAGE

Store in places protected from sun and frost, for 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.

■ PACKAGING

3lt container (on a 120 pcs pallet)
10lt container (on a 48 pcs pallet).

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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 weather conditions
■ Recoating time	4-5 hours, depending on the weather conditions
■ Application temperature	From +8°C to +35°C

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

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

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The technical specifications and directions of use contained in this technical data sheet 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.