

100% ACRYLIC



Top quality acrylic paint



■ PROPERTIES

Aqueous dispersion acrylic paint. Distinguished for its excellent resistance to atmospheric pollutants, and adverse weather conditions.

Reduces the possibility of the corrosion of the wall surface and prevents the carbonation of concrete from dissolved CO₂ & SO₂. Ensures high adhesion, coverage and performance. Easy to work with, dries quickly, and maintains its whiteness and its colors unchanged. Allows for the breathability of surfaces, being at the same time water vapour permeable. 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 100% ACRYLIC is ideal for the protection and decoration of new or existing painted surfaces made of plaster, concrete, cement board, properly prepared prefabricated building elements 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

Concrete and marble-based plaster surfaces have to be dry, free from loose sections and oils, and at least 30 days after their construction.

For new concrete surfaces, make sure to remove any formwork oils using BIOCLEAR INDUSTRIAL, the biodegradable oil cleaner. 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 the rapid set repair mortar with corrosion inhibitor DS-247 of DUROSTICK or use the thixotropic and 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.

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For new marble-based plaster surfaces, sand them down using #60 sandpaper and prime using 100% ACRYLIC PRIMER, AQUAFIX, the micromolar stabilizer, or SOLVENT BASED PRIMER of DUROSTICK.

Surfaces with green and black spots, and surfaces with mold, after being cleaned with DUROSTICK's D-95 CLEANER, thoroughly rinsed, and dried, they are primed with SOLVENT BASED PRIMER or micromolar stabilizer AQUAFIX.

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 the chosen DUROSTICK paint.

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

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

Marble- based plaster surfaces with severe crack, are sealed with fast setting repair plaster D-32. Concrete surfaces are sealed with repair mortar D-55 of DUROSTICK and primed afterwards. 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 m.

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 DS-POLYMER.

2. Application

Dilute DUROSTICK 100% ACRYLIC with water at a ratio of 5-10%, depending on the substrate, and stir well. The DARK base is 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 is completely dry.

(*) In order to comply with the parameters that characterize a paint as "Cool" material and to maximize its energy efficient benefits, by mainly maintaining its reflectivity, it is recommended to choose/apply a white or light color paint.

■ CLEANING

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

■ COVERAGE

Approximately 10-12m²/lt per coat, depending on the texture, the absorbency of the surface and the application method. Approximately 10-12m²/lt per coat, depending on the texture, the absorbency of the surface and the application method.

■ STORAGE

Store in places protected from sunlight 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

■ 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.

■ PACKAGING

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

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TECHNICAL SPECIFICATIONS	
■ Color	White, brick red, gray
■ Colors	20 basic DUROCOLOR liquid pigments in 20ml syringe packaging, that create 120 permanent colors. The Pal and Dark paint bases are colored via the COLOR COLLECTION System in any desired color.
■ Washability	> 19.000 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

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/lit (2010). The ready to use product contains maximum 39gr/lit 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.