

# DUROSTICK DUROPAIN-PU



Polyurethane Acrylic Hybrid paint



## PROPERTIES

High quality Polyurethane Acrylic paint of new and advanced Hybrid technology. Ensures unique durability when applied to buildings in coastal or mountainous areas. Distinguished for its strong adhesion to new and existing, sound substrates, its high coverage, and its water vapour permeability. It forms a water-impermeable membrane that maintains its flexibility from -20°C and up to +80°C.

It does not saponify and acts as an effective carbonization barrier. It has excellent resistance to adverse weather conditions and UV radiation. Certified 'Cool'(\*) paint by the University of Athens, as polyurethane and acrylic paint for exterior surfaces.

## APPLICATIONS

DUROPAIN-PU is ideal for all types of exterior and interior surfaces made of concrete, plaster, cement board, and gypsum board. Ideal for all surfaces that are subject to frequent cleaning, as it presents exceptional resistance to surface

washing (ten times higher than ordinary acrylic paints) without emulsifying.

## ADVANTAGE

The results of the salt tests (accelerated corrosion test), as well as the tests in freeze-thaw environments, showed the product to have double the durability of ordinary acrylic paints. That is due to the balanced composition of the acrylic and of the polyurethane resins in its formula.

## USE

### 1. Substrate preparation

Concrete and marble based plaster surfaces have to be dry, free from loose materials and oils, and must have cured for at least 30 days after their construction.

### 2. Application

Dilute DUROPAIN-PU 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

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first one has fully dried. (\*) 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 if necessary, immediately after use.

## PERFORMANCE

Approximately 10-12m<sup>2</sup>/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 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 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 120 pcs pallet)  
10lt container (on a 48 pcs pallet)

## TECHNICAL SPECIFICATIONS

<b>Available color</b>	White that does not yellow over time
<b>Shades</b>	The White paint can be colored using the 20 basic DUROCOLOR (liquid pigments in 20ml syringe packaging) that create 120 permanent colors. The White paint can also be colored to all the PAL choices. The DARK base is colored via the COLOR COLLECTION System in any desired color.
<b>Washability</b>	> 25.000 cycles (per DIN 53778)
<b>Gloss</b>	Satin
<b>Drying time</b>	1 hour (touch dry), depending on the ambient conditions
<b>Recoating time</b>	4-5 hours, depending on the ambient conditions
<b>Application temperature</b>	From +8°C to +35°C
<b>Flammable</b>	No
<b>V.O.C. (Volatile Organic Compounds):</b> 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): 40gr/lt (2010). The ready to use product contains maximum 39gr/lt V.O.C.	

## 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](mailto:info@durostick.com)