

# DUROSTICK ACRYLIC EMULSION



Improving additive for tile adhesives and grouts



## PROPERTIES

Styrene-butadiene based emulsion additive. When added to cementitious adhesives, as well as tile and marble grouts, it improves their properties. It is mainly used for increased flexibility and adhesion, to improve waterproofing and resistancetoabrasion.

## APPLICATIONS

The addition of DUROSTICK ACRYLIC EMULSION into tile adhesives, it is strongly recommended for outdoor installations in exposed areas that are subjected to expansions and contractions. It is also necessary for installations on surfaces with radiant floor heating systems, and non absorbent substrates. Ideal for tile installations on spaces and areas that are permanently exposed to moisture, such as swimming and athletic pools, fountains, car washes etc. Adding acrylic polymers into tile adhesives, depending on the ratio of the addition, will dramatically improve their technical specifications, so as to comply with the requirements of both S1 & S2 classes (deformable adhesives), per EN 12002.

The addition of DUROSTICK ACRYLIC EMULSION into grouts, increases their flexibility and adhesion to the sides of the tiles. It also increases their waterproofing abilities, and resistance to acid cleaners, as well as chlorinated and salt (sea) water. Absolutely necessary for substrates subjected to expansions, contractions and vibrations such as lofts with wood substrates. It is also recommended as a primer for absorbent substrates and aircrete and for the stabilization of brittle floor cement screeds. Furthermore, it significantly contributes to the preservation of darker color grouts from discoloring.

## USE

The addition of DUROSTICK ACRYLIC EMULSION into the mixing water for tile adhesives and grouts, yields moderate flexibility (1 part emulsion to 2 parts water), and medium flexibility (1 part emulsion to 1 part water). Optionally, substitute all water for emulsion to achieve maximum deformability.

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## NOTES

- Before use, shake the container well.
- The addition of the product into grout increases its adhesion, thus requiring an additional effort from the tradesman to clean any residue from absorbent or cotto type tiles.
- Coat absorbent tiles with the waterproofing and oil repellent agent, DUROSTICK D-29 SPOT FREE (penetrating, clear siloxane liquid), or NANO PROOF MARMO DS-275 to facilitate easier cleaning and to avoid staining of the surface.

## CONSUMPTION

Dilution Ratio: 1 part Acrylic emulsion: 1 part water, up to 1:2, depending on the application.

## STORAGE

Store in places protected from sunlight and frost, for at least 15 months after production date.

## SAFETY DIRECTIONS

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

## PACKAGING

Carton box with 15 pcs. of 1lt each one 5lt, 20lt containers

TECHNICAL SPECIFICATIONS	
<b>Form - Color:</b>	Emulsion - White color becomes transparent when dry
<b>Density</b>	1.02±0.04 ka/lt
<b>Application temperature</b>	<b>From +5°C to +35°C</b>
<b>Toxic</b>	<b>No</b>
Does not contain organic solvents	

## 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  
 THESSALONIKI: INDUSTRIAL PARK-SINDOS, S.B. 44, STREET, DA 10, GR: 570 22, Tel: +30 2310 795 797, +30 2310 797 365, Fax: +30 2310 797 367  
 E-mail: info@durostick.com

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