

DUROSTICK DS-255 Solvent free quartz based acrylic primer for mortar adhesion

PROPERTIES

Ready for use, solvent free, acrylic based primer, with quartz aggregates. Fortified with improving additives. Distinguished for its strong adhesion, even on very smooth surfaces. It has excellent resistance to alkalis. It acts as moisture barrier, thus protecting the building from damage. Its special formula does not block the breathability of building elements. Necessary for building applications because it ensures the adhesion of traditional or ready mixed mortars, on smooth or slightly absorbent surfaces.

APPLICATIONS

DUROSTICK DS-255 is necessary on surfaces where traditional scratch coat plaster adheres with difficulty, as well as on surfaces of extruded or expanded polystyrene installed on building facades (pic.1) as insulation medium. Prevents possible detachments of plaster due to earthquakes as well as the natural shrinkage of the insulating material, on both indoor and outdoor surfaces.

Due to its flexibility, it absorbs expansions and contractions generated on insulated surfaces, columns and concrete parapet fascias at their junctions with adjoining walls of brick and concrete, aircrete, as well as cylinder blocks, etc. Ideal as primer, before applying D-6 cement screed, as

part of the THERMAL INSULATION AND WATERPROOFING SYSTEM for roofs, COOL ROOF. Also suitable before the installation of the decorative pressed cement screed, DS-250, and DS-254 IRON as an efficient adhesion layer, onto existing tiles, marble or mosaic (pic.2). Apply on marine grade plywood floors and thoroughly cleaned sheet metal, before applying DS-252 FLEX decorative pressed cement screed.

ADVANTAGES

Unaffected by permanent moisture. It does not emulsify from rain, even when the primed surfaces remain exposed and unprotected for a long time.

USE

1. Surface preparation

Surfaces to be primed must be dry and free from loose materials, dust, dirt, oils and various pollutants etc.

2. Application

Before application, mix DUROSTICK DS-255 thoroughly within its container with a low rpm electric mixer. Apply it using a roller or an emulsion brush, in 1 coat.

Once dry (24-48 hours), continue by applying the mortar.

CLEANING

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



TECHNICAL SPECIFICATIONS

Form-Color	Viscous paste - Brick red
Grain size	0.1 to 1 mm
Density	1.35±0.10 kg/lit
pH	8.0±1.0
Drying time	1-2 hours (touch dry), depending on the absorbency of the substrate and the ambient conditions
Dilution	Ready to use product. Do not dilute.
Application temperature	From +8°C to +35°C
Temperature resistance	From -35°C to +100°C
Flammable	No
Friendly to human and the environment	

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

Limit value of maximum content of V.O.C. per EC (Directive 2004/42/EC) for this product (category A /h: 'Binding primers', type WB): 30 gr/lit (2010). The ready to use product contains maximum 0gr/lit V.O.C.

CONSUMPTION

300-350gr/m² per coat, depending on the coat thickness and substrate.

STORAGE

Store in places protected from 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 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 there is a chance of rain or frost for the next 12 hours.

PACKAGING

Carton box with 12 pcs of 1kg each one
5kg, 15kg containers



pic. 1



pic. 2