

TILE PRIMER



Adhesion primer for glazed tiles and surfaces



PROPERTIES

DUROSTICK TILE PRIMER is a transparent, high-performance, one-component adhesive booster. Due to its high penetration, it chemically activates the surfaces (ceramic, glassy) and provides excellent adhesion and long-term resistance to the varnish that will follow. With a composition of modern technology, it polymerizes with the humidity of the atmosphere and the subsoil.

Classified as a concrete (c) surface protection product per EN 1504-2 (principle 1/IP/Ingress Protection).

ADVANTAGES

- Ready for use
- Quick and ease of application
- High performance
- Excellent adhesion
- Compatible with polyurethane or polyurea varnishes.

APPLICATIONS

DUROSTICK TILE PRIMER is ideal as a substrate, to increase the adhesion, stabilization and

protection against detachment, of the 2-component polyurethane varnish WATERPROOF 400, but also other varnishes, when they are to be applied on glassy surfaces. It is used as an adhesion enhancer and surface activator on glazed tiles, glossy granites and epoxy paints. Suitable for indoor and outdoor application.

USE

1. Surface preparation

Careful surface preparation is crucial for the final result and its durability. The primary concern for surface preparation is to be stable, dry, clean and free of loose spots, dust, grease, salts, rust and anything that could affect adhesion. Substrate moisture should not exceed 5%.

2. Application

Before use, stir the product and then apply it with a clean cloth. Soak the cloth with a sufficient amount of DUROSTICK TILE PRIMER, and apply evenly, on the entire surface to be protected. In this way, the surface is chemically activated and its adhesion is increased and at the same

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time it is decreased. After drying (within 1-2 hours), apply the varnish.

HELPFUL TIPS – NOTES

- It is recommended to change the cloth during application
- The application and polymerization time of the material is affected by the ambient temperature. High temperatures accelerate its polymerization, while low temperatures slow it down. The ideal temperature is between +5°C and +35°C.
- The humidity of the atmosphere should not exceed 70%. High humidity may affect the finish.

CONSUMPTION

Approximately 60-80ml/m², depending on the absorbency of the substrate

STORAGE

Store in its factory sealed packaging, in dry and shady places, up to 9 months from the date of production. Storage temperature: from +5°C to +30°C.

SAFETY DIRECTIONS

The product is classified as flammable and harmful. It is recommended to keep away from the reach of children and applied in well ventilated areas. Before use, refer to the cautions on the product packaging or the Material Safety Data Sheet.

PACKAGING

- Carton box with 12pcs of 1lt each one
- Carton box with 4pcs of 3.5lt each one

TECHNICAL SPECIFICATIONS

Form - Color	Liquid - Transparent
Density	0.80±0.05kg/lt
Application temperature	From +5°C to +35°C

CE	
DUROSTICK S.A. ASPROPYRGOS ATHENS PC:193 00 GREECE 21	
DoP No.: 159 EN 1504-2	
TILE PRIMER Coating for protection against ingress	
Linear shrinkage	: NPD
Coefficient of thermal expansion	: NPD
Adhesion by cross cut test	: NPD
Permeability to CO ₂	: s _D > 50 m
Permeability to water vapour	: Class II 5 m ≤ s _D ≤ 50 m
Capillary absorption and permeability to water	: w < 0,1 Kg/m ² ·h ^{0,5}
Thermal compatibility	: NPD
Resistance to thermal shock	: NPD
Chemical resistance	: NPD
Crack bridging ability	: NPD
Adhesion strength (Pull of test)	: ≥ 1.5 (1.0) N/mm ²
Reaction to fire	: Euroclass F
Slip/skid resistance	: NPD
Behaviour after artificial weathering	: NPD
Antistatic behaviour	: NPD
Adhesion on wet concrete	: NPD
Dangerous substances comply with 5.3	

DUROSTICK S.A.

MANUFACTURING OF ADHESIVES, PAINTS & MORTARS

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The technical specifications and directions of use contained in this technical brochure 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.