

Primex A-300



TECHNICAL DATA SHEET

Description of the product

PRIMEX A-300 is an **ecological** acrylic water-based primer for emulsion and acrylic paints for interior and exterior use. It fulfils the requirements of the Commission Decision 2014/312/EU, which establishes the ecological criteria for the award of eco-label to outdoor and indoor paints and varnishes. Thanks to its **innovative formulation**, it is easily applied without any sagging or spattering. It improves the adhesion of the top-coat and stabilizes the substrate. **PRIMEX A-300** exhibits **high spreading rate** and thus provides a cost-effective application.

Recommended uses

It is applied as a water-based primer for emulsion and acrylic paints in interior and exterior areas of plaster, stucco, cement, etc.

Technical characteristics

Resin: Dispersion based on acrylic resins

Density: 1.05±0.04 gr/ml

(ISO 2811.01, 20°C)

Viscosity(during production): 70±5 KU

(ASTM D 562, 25°C)

Viscosity(during storage): 70±10 KU

(ASTM D 562, 25°C)

Solids b.w.: 55±2%

(EN ISO 3251)

Solids b.v.: 51±2%

(ISO 3233.3)

pH(during storage): 8.2±0.7

(ISO 976)

Packaging stability: 10/10 (1 month, 50°C)

(ASTM D 1849)

Freeze-Thaw stability: OK (-5°C)

(ELOT 777)

VOC (Volatile Organic Compounds): PRIMEX A-300 belongs to the category A/g WB (Primers). EU Limit Value: 30 g/l. The ready to use product contains max. 1 g/l.

Shades

Off-white. For ease of application, the product may be slightly colored with CHROTEX BASIC EMULSION COLORANTS (add-on up to 2% by weight of the unthinned product).

Properties

Resistance to alkalis: Excellent

(EN ISO 2812.1)

Adhesion (Pull off-cement): ≥ 1.5 N/mm²

(EN ISO 4624)

Adhesion (Cross Cut-cement): 0-1

(EN ISO 2409)

Adhesion (Pull off- Stocowall): ≥ 1 N/mm²

(EN ISO 4624)

Adhesion (Cross Cut-Stocowall): 0-1

(EN ISO 2409)

Adhesion (Pull off-Stocowall Super Fill): ≥ 1 N/mm²

(EN ISO 4624)

Adhesion (Cross Cut-Stocowall Surer Fill): 1

(EN ISO 2409)

Adhesion (Pull off-emulsion & acrylic paints): ≥ 1.5 N/mm²

(EN ISO 4624)

Adhesion (Cross Cut-emulsion & acrylic paints): 0-1

(EN ISO 2409)

Spreading rate

Approx. 35±5 m²/Lt, diluted 400% v/v (1:4) with water and depending on the surface condition.

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. **PRIMEX A-300** is applied in one very thin layer. It is recommended to dilute 1 part PRIMEX A-300 to 4 parts of water.

Application method: Brush, roller.

Diluent: Water.

Thinning: Dilute up to 400% v/v.

Tools are cleaned immediately after the application with plenty of soap and water. Rinsing water and paint residues should not be disposed into rivers or sewers or thrown away with household refuse or poured away. Follow the advice of the local authority regarding the disposal and collection of unused paint.

Drying time

Dry: 25±5 minutes (ASTM D 1640).

Application of top coat: 50±10 minutes.

Drying and recoating time may be prolonged under conditions of low temperature and high relative humidity.

Packaging

It is available in 0.75 Lt, 3 Lt and 10 Lt cans.

Storage

1 year, provided the cans remain closed and in normal storing conditions. After opening the can, the undiluted product can be preserved if the can is sealed tightly and stored in a dry room with temperatures 5-30°C.

Health and safety

Please refer to the labeling mentioned on the can. In case more information is needed refer to the Material Safety Data Sheet.

Notes

- It is recommended to avoid the application at temperatures below 5°C or when it rains.
- It enables better adhesion of the final coat and stabilizes the substrate.
- For more information as to why this product has been awarded the Flower please visit the web-site: www.ecolabel.eu.

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