

Esotex

TECHNICAL DATA SHEET



Description of the product

ESOTEX is a white emulsion paint of general use. It leaves a mat surface with excellent whiteness and great resistance to washing and scrubbing. Due to its great spreading rate and high hiding power combined with its price, it is ideal for painting larger surfaces, such as blocks of flats, hotels, etc.

Recommended uses

It is applied on surfaces of plaster, stucco, concrete, etc.

Technical characteristics

Resin: Dispersion based on styrene-acrylic resins

Density: 1.55±0.05 gr/ml

(EN ISO 2811.01, 20°C)

Viscosity: 110±15 KU

(ASTM D 562, 25°C)

Solids b.w.: 62±2%

(EN ISO 3251)

Solids b.v.: 42±3%

(ISO 3233)

pH: 8.2±0.7

(ISO 976)

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

(ASTM D 1849)

Minimum Film Forming Temperature: 2°C

(ASTM D 2354)

VOC (Volatile Organic Compounds): **ESOTEX** belongs to the category A/a WB (Interior matt walls and ceilings). EU Limit Value: 30 g/l. The ready to use product contains max. 22 g/l.

Shades

Available in white, it can also be tinted with CHROTEX BASIC EMULSION COLORANTS (percentage of addition up to 15% b.w.).

Properties

Hiding power for SR 20 m²/Lt: CR: 94%

(ISO 6504.03)

Whiteness index: ≥ 80

(ASTM E 313)

Yellowing index: ≤ 2

(ASTM E 313)

Wet scrub resistance: > 8000 cycles

(ASTM D 2486)

Wet scrub resistance: Class II

(EN ISO 13300)

Gloss 85°: 4±2

(EN ISO 2813)

Adhesion (Pull Off): ≥ 1.5 Nt/mm²

(EN ISO 4624)

Recoatibility: No change is noted on the film

(ELOT 788 § 5.4)

Spreading rate

Spreading rate: 11.5±1.5 m²/Lt for complete hiding (2 coats).

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. Plastered surfaces are primed with water-based primer **PRIMEX A-300** or with the silicon acrylic water-based primer **PRIMEX MICRO**. On dirty, stained or lime-washed surfaces of walls and ceilings apply **MONOX** or **MONOX AQUA** as a primer. **ESOTEX** is applied in 2 coats.

Application method: Roller, brush, airless spray.

Diluent: Water.

Thinning: Dilute 5-10% v/v. [Application viscosity: 85±5 KU (ASTM D 562) and 1.3±0.3 poise (ICI, ASTM D 4287/25°C)].

Tools are cleaned immediately after the application with soap and water.

Drying time

Dry: 30-50 minutes (ASTM D 1640).

Recoating time: 2.5-3.5 hours.

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

Packaging

The white shade 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. ESOTEX can be stored after opening if the can is kept properly sealed in a cool sheltered place at 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 that coated surfaces will not be washed until 20-30 days have elapsed from the application.
- On fresh concrete surfaces it is recommended to apply the product at least after 30-40 days.
- It is recommended to avoid the application of the product at temperatures below 2°C or just before rain.

*Issued: January 2014
This issue replaces all others*

