

Fungitex



TECHNICAL DATA SHEET

Description of the product

FUNGITEX is an emulsion paint of interior use which **effectively protects from mildew growth** on painted surface. It protects the end user and the environment because it does not contain heavy metals, dangerous substances and volatile aromatic hydrocarbons. It combines resistance to fungi, humidity and frequent washing and provides a flawless finish. It is strongly recommended for coating areas with high humidity such as kitchens, bathrooms, basements, food and beverage storage rooms.

Recommended uses

It can be applied on interior and exterior surfaces of cement, beton, plaster, etc.

Technical characteristics

Resin: dispersion based on PVA Copolymer

Density: 1.47 - 1.45gr/ml (EN ISO 2811.01, 20°C)

Production Viscosity: 106±6 KU (ASTM D 562, 25°C)

Storage viscosity: 106±13 KU (ASTM D 562, 25°C)

Solids b.w. (white): 58.5±2% (EN ISO 3251)

Solids b.v. (white): 30±3% (ISO 3233)

pH: 8.2±0.7 (ISO 976)

Minimum Film Forming Temperature: 2°C (ASTM D 2354)

Freeze-thaw stability (-10 °C): OK (ELOT 777)

Packaging stability: 10/10 (1 month, 50°C) (ASTM D 1849)

VOC (Volatile Organic Compounds): **FUNGITEX** 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. 29 g/l.

Shades

Available in white and in thousands of colour shades through the tinting system **CHROMASYSTEM**. It can also be tinted with **CHROTEX BASIC EMULSION COLORANTS** (max. addition level 15% b.w.).

Properties

Hiding power for SR:20m²/lt: CR: >93±1.0% (ISO 6504.3)

Whiteness index: ≥ 85 (ASTM E-313)

Yellowing index: ≤ 1.5 (ASTM E-313)

Resistance to fungi: Excellent (Category 1) (BS 3900:G6)

Wet scrub resistance: > 6000 cycles (ASTM D-2486)

Wet scrub resistance: Class 2 (EN ISO 11998)

Gloss 85°: 4±2 Mat (EN ISO 2813)

(EN 13300)

Bend Test (Mandrel): 2 mm OK (EN ISO 1519)

Exposure to fluorescent UV & Water: 1000 h: No change is (ISO 11507)

noted on the film

Adhesion (Pull-off, PRIMEX A-300 as primer): ≥ 1.5 Nt/mm² (EN ISO 4624)

Spreading Rate

Dry film thickness per coat: 30±3 µm.

Recommended Total Dry Film Thickness: 60±6 µm.

Spreading rate: 9±2 m²/Lt for complete hiding (2 coats).

Application Instructions

Surfaces are cleaned from dust and flaking parts are removed. Plastered surfaces are primed with the ecological water-based primer **PRIMEX A-300** or with the silicon acrylic water-based primer **PRIMEX MICRO**. When recoating surfaces with mildew, clean first with a 1:4 bleach-water solution. **FUNGITEX** is applied in 2 coats.

Application method: Roller, brush, airless spray.

Diluent: Water.

Thinning: Dilute 5-10% v/v. [Application viscosity: 80±5 KU (ASTM D 562) and 1.3±0.3 poise (ICI, ASTM D 4287)].

Tools are cleaned immediately after the application with 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 through: 35±15 minutes (ASTM D 1640).

Recoating time: 1.5±1 hours.

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

Packaging

Available in 0.75Lt, 3Lt and 10Lt 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 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 0oC or just before rain, or on a heated surface.
- **FUNGITEX BASE A** is only used for the production of colored shades via **CHROMASYSTEM** and should not be applied without the special colorants **CHROMATINT**.

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This issue replaces all previous ones*

