

Primex micro



TECHNICAL DATA SHEET

Description of the product

PRIMEX MICRO is a silicon acrylic water-based primer with **extra small particle size**. It is suitable for both exterior and interior wall surfaces. It exhibits high **penetration** and excellent substrate **bonding**, stabilizing thus unsound and porous surfaces or walls already treated with low quality paints. It impregnates alkaline surfaces, prohibiting masonry salt migration. It enhances the top-coats' properties, such as **coverage, endurance**, ease of application and adhesion. It is slightly yellow tinted, so that the primed surfaces can be spotted. It is odourless and friendly to the user and to the environment.

Recommended uses

It is used as an undercoat for exterior surfaces to be painted with emulsions, acrylic paints and masonry paints.

Technical characteristics

Resin: mixture of acrylic resins

Density: 1.02±0.04 gr/ml

(EN ISO 2811.01, 20°C)

Production Viscosity: 50±10 sec

(DIN 53211/2 mm, 20°C)

Storage Viscosity: 50±10 sec

(DIN 53211/2 mm, 20°C)

Solids b.w.: 20±2%

(EN ISO 3251)

Solids b.v.: 19±2%

(ISO 3233)

pH (during storage): 7.8±0.3

(ISO 976)

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

(ASTM D 1849)

Freeze-Thaw stability (-5°C): OK

(ELOT 777)

VOC (Volatile Organic Compounds): PRIMEX MICRO belongs to the category A/h WB (Binding primers). EU Limit Value: 30 g/l (2010). The ready to use product contains max. 1 g/l.

Shades

Light yellow.

Properties

Resistance to alkali (5% NaOH): No change is noted on the film (EN ISO 2812.04)

Adhesion (Pull off on cement): ≥ 2 N/mm² (EN ISO 4624)

Adhesion (Pull off- Stocowall): ≥ 1 N/mm² (EN ISO 4624)

Adhesion (Pull off- Stocowall Super Fill): ≥ 1 N/mm² (EN ISO 4624)

Adhesion (Pull off -emulsion paint system): ≥ 2 N/mm² (EN ISO 4624)

Adhesion (Pull off- acrylic paint system): ≥ 2 N/mm² (EN ISO 4624)

Adhesion (Cross Cut on cement): 0-1 (EN ISO 2409)

Adhesion (Cross Cut- Stocowall): 0-1 (EN ISO 2409)

Adhesion (Cross Cut- Stocowall Super Fill): 1 (EN ISO 2409)

Adhesion (Cross Cut-emulsion paint system): 0-1 (excellent) (EN ISO 2409)

Adhesion (Cross Cut-acrylic paint system): 0-1 (excellent) (EN ISO 2409)

Spreading rate

Approx. 13±1 m²/Lt, diluted 100% v/v with water, depending on surface condition.

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. **PRIMEX MICRO** is applied in one very thin coat.

Application method: Brush, roller.

Diluent: Water.

Thinning: Dilute up to 50% v/v. For low absorbing surfaces, it is diluted up to 100% v/v with water. [Application viscosity: 45±10 sec (DIN 53211/2 mm, 20°C)].

Tools are cleaned immediately after application with soap and water.

Drying time

Dry: 25±5 minutes (ASTM D 1640).

Application of the 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 1 Lt, 5 Lt and 10 Lt cans.

Storage

1 year, provided the cans remain closed and in normal storing conditions.

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.

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This issue replaces all others*

