

Monox Aqua



TECHNICAL DATA SHEET

Description of the product

MONOX AQUA is a water based insulating undercoat for «difficult» surfaces, for interior and exterior use. It is used as a primer for emulsion paints on walls and ceilings. Thanks to its special composition, **it insulates perfectly** old surfaces, while it **isolates** and **covers completely** fumes, dirt and mildew on dirty walls.

Recommended uses

It is applied as an undercoat for emulsion paints, for recoating old or dirty surfaces of cement, masonry, plaster, etc.

Technical characteristics

Resin: Styrene and acrylic resins copolymer

Density: 1.37±0.04 gr/ml

(EN ISO 2811.01, 20°C)

Production Viscosity: 110±10 KU

(ASTM D 562)

Storage Viscosity: 115±15 KU

(ASTM D 562)

Solids b.w: 58±2.5%

(EN ISO 3251)

Solids b.v: 42±3%

(ISO 3233)

pH: 8.9±0.5

(ISO 976)

VOC (Volatile Organic Compounds): MONOX AQUA belongs to the category A/g WB (Primers). EU Limit Value: 30 g/l. The ready to use product contains max. 24 g/l.

Shades

It is available in white.

Properties

Hiding power for SR 20 m²/Lt CR: 92±1%

(ISO 6504.03)

Resistance to liquids: Excellent

(EN ISO 2812.01)

Adhesion (Pull off): ≥ 2.5 MPa

(EN ISO 4624)

Adhesion (Cross cut): 0-1

(EN ISO 2409)

Adhesion of emulsion acrylic paints (Pull Off): ≥ 2.0 MPa

(EN ISO 4624)

Bend test (Mandrel Test): 2 mm OK

(EN ISO 1519)

Spreading rate

Dry film thickness per coat: 30±5 µm.

Spreading rate: 16±2 m²/Lt per coat.

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. On dirty, stained or lime-washed surfaces of walls and ceilings apply **MONOX AQUA** and then apply emulsion or acrylic paints.

MONOX AQUA is applied in 1-2 coats.

Application method: Brush, roller, airless spray.

Diluent: Water.

Thinning: Dilute up to 15 % v/v.

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

Drying time

Dry: 60±10 minutes (ASTM D 1640).

Recoating time: 2.5±0.5 hours.

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.

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 not to apply the product at temperatures below 10°C.
- Avoid recoating after 5-10 minutes have elapsed from the application depending on the temperature and the relative humidity.

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