

Velatura

TECHNICAL DATA SHEET



Description of the product

VELATURA is an undercoat for enamel paints. It is applied on surfaces of wood, stucco etc. It has strong adhesion, is easily applied and spreads evenly on the surface. It is easily sandpapered and does not affect the gloss of the top-coat enamel.

Recommended uses

It is applied on internal surfaces of wood, stucco etc.

Technical characteristics

Resin: Alkyd

Density: 1.62±0.05 gr/ml

(EN ISO 2811.01, 20°C)

Production Viscosity: 11±2 poise

(ISO 2884.2, 20°C)

Storage Viscosity: 12±3 poise

(ISO 2884.2, 20°C)

Solids b.w.: 81.5±2%

(EN ISO 3251)

Solids b.v.: 59±3%

(ISO 3233)

Flash point: 46±2°C

(EN ISO 1523)

VOC (Volatile Organic Compounds): **VELATURA** belongs to the category A/g SB (Primers).
EU Limit Value: 350 g/l. The ready to use product contains max. 349 g/l.

Shades

Available in white.

Properties

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

(ISO 6504.3)

Adhesion (Cross cut on wood): 1-2

(EN ISO 2409)

Adhesion (Cross cut on enamel paint): 0-1

(EN ISO 2409)

Adhesion (Cross cut on water-based enamel paint): 0-1

(EN ISO 2409)

Hardness (König): 55±10 sec, after 7 days

(EN ISO 1522)

Bend test (Mandrel): 3 mm OK

(EN ISO 1519)

Gloss 85°: 23±2

(EN ISO 2813)

Spreading rate

Dry film thickness per coat: 35±5 μm.

Recommended Total Dry Film Thickness: 70±6 μm.

Spreading rate: 9±2 m²/Lt, per coat.

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. **VELATURA** is applied in 1-2 coats. It can be sandpapered after 5 hours, though for better results it is recommended to sandpaper one day after the application. The surfaces are coated after at least 16 hours with enamel paint.

Application method: Brush, roller, spray.

Diluent: **CHROTEX BRUSH SOLVENT** or **CHROTEX SPRAY SOLVENT**, depending on the application method.

Thinning: For application with brush, roller: Dilute up to 6% v/v [Application viscosity: 90±10 sec (DIN 53211-70/4 mm, 20°C)].
For spraying: Dilute up to 6% v/v [Application viscosity: 80±10 sec (DIN 53211/4 mm, 20°C), Nozzle size: 1.8 mm, Air pressure: 1.8-2.2 bar].

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

Drying time

Set-to-touch: 30±10 minutes (ASTM D 1640).

Dry Through: 2½±½ hours.

Recoating time: After 16 hours.

Sandpaper: **VELATURA** can be sandpapered after 5 hours, but it is recommended to sandpaper the surface the following day.

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

Coating system

After the application of **VELATURA** apply **ULTRALAC** or **AQUALAC**.

Other systems may be applied, depending on the application.

Packaging

It is available in 0.75 Lt, 2.5 Lt and 5 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.

*Issued: November 2020
This issue replaces all others.*

