

Primex One



TECHNICAL DATA SHEET

Description of the product

PRIMEX ONE is an acrylic water based primer ideal for painting gypsum boards. It covers irregularities of the gypsum board due to its filling properties providing a cost effective application thus offering coverage **even in 1 coat**. It enhances the adhesion of the final coat on the gypsum board. It is easily applied without spattering and sandpapered.

Recommended uses

It is applied on interior surfaces of gypsum boards.

Technical characteristics

Resin: Styrene and acrylic resins copolymer

Density: 1.68±0.05 gr/ml

(EN ISO 2811.01, 20°C)

Production Viscosity: 115±5 KU

(ASTM D 562)

Storage Viscosity: 115±10 KU

(ASTM D 562)

Solids b.w: 65±3%

(EN ISO 3251)

Solids b.v: 46±3%

(ISO 3233)

pH: 8.4±1

(ISO 976)

VOC (Volatile Organic Compounds): PRIMEX ONE belongs to the category A/h WB (Binding primers). EU Limit Value: 30 g/l. The ready to use product contains max. 13 g/l.

Shades

It is available in white. Also, 3 colors via CHROTEX's tinting system CHROMASYSTEM for undercoating low hiding final colors.

Properties

Hiding power for SR 20 m²/Lt CR: 95±0.5%

(ISO 6504.03)

Bend test (Mandrel Test): 3 mm OK

(EN ISO 1519)

Gloss 85°: 9±2

(EN ISO 2813)

Adhesion (Cross cut, on gypsum board): 0-1

(EN ISO 2409)

Adhesion of paint system: PRIMEX ONE & emulsion paints (Cross cut, on gypsum board): 0-1

(EN ISO 2409)

Spreading rate

Dry film thickness per coat: 40±5 µm.

Spreading rate: 10±2 m²/Lt per coat.

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. For levelling the gypsum boards, we use **STOCOWALL** or **STOCOWALL SUPER FILL**.

PRIMEX ONE is applied in 1 coat. It can be sandpapered 3 hours after the application. Before the application of the final paint the surface should be cleaned.

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: 70±10 minutes (ASTM D 1640).

Application of the top coat: 5±1 hours.

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

Packaging

It is available in 3 Lt and 10 Lt cans.

Storage

1 year, provided the cans remain closed and in normal storing conditions. PRIMEX ONE 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 not to apply the product at temperatures below 5°C.

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This issue replaces all others*

