

# PRIMER-PROFESSIONAL

## Acrylic, water-based primer

### Description

Acrylic, water-based primer for emulsion and acrylic paints. It shows strong adhesion and high penetrating ability.

It is odorless, thus environmentally and user friendly and is recommended for use in interior, inhabited spaces.

### Fields of application

Suitable for use on new surfaces, such as plaster, concrete, brick wall etc. that are going to be coated with emulsion or acrylic paints.

### Technical data

Type: acrylic copolymer primer

Color: (wet) milky white  
(dry) almost transparent

Density: 1,10 kg/l  
(EN ISO 2811- 1)

pH: 8,5  
(EN ISO 4316)

Thinning: 5-10% with water

Drying time: 1 h to the touch  
(EN ISO 9117)

Overcoating : 4 h  
(EN ISO 9117).

Volume solids: 32 %  
(EN ISO 2808)

Dry film thickness: 32µm (wet film: 100 µm)  
(EN ISO 2808)

Capillary water absorption:  $w = 0,01 \text{ Kg/m}^2\text{h}^{0,5}$   
(EN ISO 1062- 3: W3 low,  $w < 0, 10 \text{ Kg/m}^2\text{h}^{0,5}$ )

Water vapor permeability:  $S_d = 0,51 \text{ m}$   
(EN ISO 7783- 2: V2 medium,  $0,14 < S_d < 1, 4$ ).

Pull off: Bond strength = 2,10 N/mm<sup>2</sup>  
(EN ISO 4624:2004)

Wet Scrub Resistance: 1,8 µm CLASS 1  
(EN 13300)  
(EN ISO 11998: < 5 µm at 200 wash cycles).

Alkali resistance: Complies.  
(ASTM 1308)

Fineness of grid: 10 µm.  
(ASTM D1210)

Flexibility: 105%  
(ASTM D412) Elongation at break point

Flash point: >98 °C.

No blistering, no flaking, no chalking, no cracking  
(EN ISO 4628:2012).

Lead free: Complies with ASTM D333/64

VOC Content= 7 g/l Complies with directive  
2004/42/CE (Annex II, table A) product  
subcategory h, type WB.

Cleaning of tools:  
Remove as much paint as possible from the tools,  
before cleaning them. Clean the tools with water  
and detergent, immediately after use.

### Directions for use

#### 1. Substrate preparation

The substrate has to be dry and free of grease,  
loose material, dust, etc., while any imperfections  
need to be restored.

#### 2. Application

PRIMER-PROFESSIONAL is applied in one layer,  
with a roller, brush or airless gun.

### Consumption

Approximately 8-12 m<sup>2</sup>/l, depending on the  
absorptivity of the surface and the thinning  
percentage of the material.

### Packaging

0,75 l, 3 l and 10 l containers.

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## Shelf-life / Storage

24 months from production date, if stored in original sealed packaging, in areas protected from frost and direct sun exposure. Recommended storage temperature between +5°C and +35°C.

## Remarks

Temperature during application and drying of the primer should be between +10°C and +35°C.

## Volatile Organic Compounds (VOC)

According to the Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory h, type WB is 30 g/l (2010) for the ready-to-use product.

The ready-to-use product PRIMER-PROFESSIONAL contains a maximum of 30g/l VOC.

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