

# Binder

## Technical Information Page



### Product presentation

Penguin Acrylic Binder is an acrylic copolymer emulsion-based transparent primer that acts as an adhesive bridge between the paint and the surface.

### Surfaces to be used

It can be used on interior surfaces such as all types of internal and external walls, ceilings, putty, plaster, concrete, plasterboard and betopan. Due to the property of high surface penetration, it goes deep into the surface and thus increases the bonding strength of the paint with the wall and reduces paint consumption.

### Surface preparation

Before application, the surface must be cleaned of old paint residues, dust, dirt and oil residues. Surface temperature should be between +5-+30°C, relative humidity should not exceed 80%.

### Physical properties

<b>Color</b>	Transparent
<b>Density (g/ml)</b>	1 ±0.02 g/ml

### Paint consumption

25-35 m<sup>2</sup> area can be painted with a single layer of 1 lt depending on the surface smoothness and application method. The consumption is affected by the roughness and porosity of the surface to be painted, as well as the method and conditions of painting.

### Application methods

<b>Don't spray</b>	An airless gun can be used
<b>Brush</b>	It is suitable
<b>Roll</b>	It is suitable

Values for an airless gun

<b>Pressure</b>	140 - 190 kg/cm <sup>2</sup> (2100 psi)
<b>Pistol transition size</b>	0.021" -0.027"
<b>Angle</b>	65° to 80°
<b>Filter</b>	The cleanliness of the filter must be observed.

### Drying time

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The drying time mainly depends on the weather conditions, the thickness of the applied layer and the number of applied layers.

- The area to be painted should be well ventilated (Open air or free air circulation)
  - The paint should be applied at the recommended thickness
  - Relative humidity should not be above 70%

Air temperature	10°C	23°C	40°C
Upper drying	12 hours	6 hours	2 hours
Complete (hard) dry	16 hours	10 hours	5 hours
Apply second coat, min	12 hours	6 hours	2 hours

### Storage conditions

Paint in dry, cool, well-ventilated warehouses without direct sunlight, between +5°C and +35°C should be kept uncapped. It should be mixed well before use. Shelf life is 3 years in unopened packaging.

### Packaging image

It is produced in 1 lt and 4lt plastic containers.

### The implementing operator

This product is intended for professional use. The applicator or operator must be experienced and knowledgeable about the product. The person in question shall mix and apply the paint according to the specification. Employees participating in the application must be provided with safety equipment.

### Product color

It can be painted in any color with water-based pastes. There may be slight variations in product color from batch to batch.

### Attention

The above information is based on results obtained from laboratory tests and field applications. In applications outside the company's control, the company is solely responsible for the quality of the paint is responsible. It is not responsible for problems that may arise from implementation and application errors.

### Health and safety regulations

Follow the instructions on the container. Store in warehouses where there is no possibility of high temperatures and sparks. Use in well-ventilated areas. In case of contact with the skin during use, it should be washed with a suitable solvent and then with soap and water. In case of eye contact, wash with plenty of water and seek medical attention if necessary.

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S 2 : Keep out of reach of children.

S 3 / 7 : Keep the container in a cool place, with the mouth closed.

S 24 / 25 : Avoid contact with eyes and skin.

Q 29 : Do not dispose of in drains.

S 46 : In case of ingestion, seek medical attention immediately, show container or label.

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**Note:** "CMT GROUP" LLC reserves the right to change the information on the technical data page without notice.

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