

Artex

TECHNICAL DATA SHEET



Description of the product

ARTEX is an emulsion paint of superior quality. **ARTEX** doesn't contain heavy metals, dangerous substances and aromatic hydrocarbons. It presents **high opacity** and **spreading rate**, excellent **whiteness**, great ease of application with no spattering and no unpleasant odour. It offers a smooth surface with good resistance to washing-scrubbing.

Recommended uses

It is applied on interior surfaces of plaster, stucco, cement, etc. After the use of the appropriate primers it can also be applied on wood and metal surfaces.

Technical characteristics

Resin: PVA Copolymer	
Density (white): 1.47±0.05 gr/ml	(EN ISO 2811.01, 20°C)
Production Viscosity: 106±6 KU	(ASTM D 562, 25°C)
Storage Viscosity: 107±13 KU	(ASTM D 562, 25°C)
Solids b.w. (white): 58.5±2%	(EN ISO 3251)
Solids b.v. (white): 39±3%	(ISO 3233)
pH: 8.2±0.7	(ISO 976)
Minimum Film Forming Temperature: 0 °C	(ASTM D 2354)
Packaging stability: 10/10 (1 month, 50°C)	(ASTM D 1849)
Freeze-thaw stability (-5°C): OK	(ELOT 777)

VOC (Volatile Organic Compounds): **ARTEX** belongs to the category A/a WB (interior matt walls and ceilings). EU Limit Value: 30 g/l. The ready to use product contains max. 29 g/l.

Shades

Available in white and in thousands of shades via **CHROMASYSTEM**. It may also be tinted with **CHROTEX BASIC EMULSION COLORANTS** (percentage of addition up to 15% b.w.).

Properties

Hiding power for SR 20 m²/Lt: CR: 93±1.0%	(ISO 6504.03)
Whiteness index: ≥ 85	(ASTM E 313)
Yellowing index: ≤ 1.5	(ASTM E 313)
Wet scrub resistance: >6.000 cycles	(ASTM D 2486)
Wet scrub resistance: Class II	(ISO 11998, EN 13300)
Gloss 85°: 4±2 Matt	(EN ISO 2813, EN 13300)
Recoatibility: No change is noted on the film	(ELOT 788 § 5.4)
Adhesion (Pull Off, with PRIMEX A-300 as primer): ≥ 1.5 Nt/mm ²	(EN ISO 4624)
Exposure to fluorescent UV & Water: 1000 h: No change is noted on the film.	(EN ISO 16474.3)
Bend Test (Mandrel): 2 mm OK	(EN ISO 1519)

Spreading rate

Dry film thickness per coat: 30±3 µm.
Recommended total dry film thickness: 60±6 µm.
Spreading rate: 9±2 m²/Lt for complete hiding (2 coats).

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. Plastered and cement surfaces are primed with the **ecological acrylic** water-based primer **PRIMEX A-300** or with the silicon acrylic water-based primer **PRIMEX MICRO**. Old dirty walls covered with fumes and mildew are primed with the insulating undercoat **MONOX** or **MONOX AQUA**.

ARTEX is applied in 2 coats.

Application method: Brush, roller, airless spray.

Diluent: Water.

Thinning: Dilute 5-10% v/v. [Application viscosity: 80±5 KU (ASTM D 562) and 1.3±0.3 poise (ICI, ASTM D 4287)].

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

Drying time

Dry through: 25±5 minutes (ASTM D 1640).

Recoating time: 50±10 minutes.

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

Packaging

The white shade is available in 0.75 Lt, 3 Lt and 10 Lt.

Storage

1 year, provided the cans remain closed and in normal storing conditions. ARTEX 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 that coated surfaces will not be washed until 20-30 days have elapsed from the application.
- On fresh concrete surfaces it is recommended to apply the product at least after 30-40 days.
- It is recommended to avoid the application of the product at temperatures below 0°C or just before rain.
- **ARTEX BASES** are **ONLY** used for the production of colored shades via **CHROMASYSTEM**. They should not be applied without the special colorants **CHROMATINT**.

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