

Xtra ACRYLIC

TECHNICAL DATA SHEET



Description of the product

XTRA ACRYLIC is a 100% acrylic paint for **exterior use**. It renders an excellent mat finish with high whiteness and unaltered shades. It spreads evenly and has low odor. Due to its combination of price and great hiding power, it is strongly recommended for refreshing large surfaces.

Recommended uses

It is applied on exterior surfaces of plaster, beton, etc.

Technical characteristics

Resin: Acrylic emulsion	
Density: 1.47±0.05 gr/ml	(EN ISO 2811.01, 20°C)
Application Viscosity: 110±5 KU	(ASTM D 562, 25°C)
Storage Viscosity: 110±15 KU	(ASTM D 562, 25°C)
Solids b.w.: 58±2.5%	(EN ISO 3251)
Solids b.v.: 38±3%	(ISO 3233)
Storage pH: 8.4±1	(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 (-10°C): OK	(ELOT 777)

VOC (Volatile Organic Compounds): XTRA ACRYLIC belongs to the category A/c WB (Exterior walls of mineral substrate). EU Limit Value: 40 g/l. The ready to use product contains max. 18 g/l.

Shades

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

Properties

Hiding power for SR 20 m²/Lt: CR: 92±2%	(ISO 6504.3)
Spreading rate for CR 0.98: 10.0±1.0 m ² /Lt	(ISO 6504.03)
Whiteness index: ≥ 86	(ASTM E 313)
Yellowing index: ≤ 1.0	(ASTM E 313)
Water Vapor Transmission Rate (permeability) (S_D): < 0.03 (Class I)	(ISO 7783.02)
CO₂ Permeability (S_D): 0.793 m	(DIN EN 1062.6)
Liquid water permeability (w): 0.96 (Kg/(m ² h ^{0.5})) (Class I)	(DIN EN 1062.3)
Gloss 85°: 4±2	(EN ISO 2813)
Bend Test (Mandrel): 2 mm OK	(EN ISO 1519)
Wet scrub resistance: > 7500 cycles	(ASTM D 2486)
Alkali resistance: OK	(EN ISO 2812.04)
Recoatibility: No change is noted on the film	(ELOT 788 § 5.4)
Resistance to weathering: Very good	(EN ISO 2810)
Exposure to fluorescent UV & Water: 2000 h: No change is noted on the film, DE<3.0	(EN ISO 11507)
Adhesion (Pull off, with as primer PRIMEX A-1300): > 1.5 Nt/mm ²	(EN ISO 4624)

Spreading rate

Dry Film Thickness per Coat: 30±3 µm.

Recommended Total Dry Film Thickness: 60±6 µm.

Spreading rate: 10±2 m²/Lt for complete hiding (2 coats).

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. Plastered surfaces are primed with silicon acrylic water-based wall primer **PRIMEX MICRO** or with the solvent based primer **PRIMEX A-1300**. Gypsum plastered or dirty surfaces and ceilings are coated with **MONOX. XTRA ACRYLIC** can also be applied on metal or wood, provided that they have been treated with an anticorrosive primer and **VELATURA** respectively.

XTRA ACRYLIC is applied in 2 coats.

Application method: Roller, brush, 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 4287/25°C)].

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

Drying time

Dry: 40±10 minutes (ASTM D 1640).

Recoating time: 1.5±0.5 hours.

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

Packaging

The white shade is available in 0.75Lt, 3 Lt and 9 Lt cans.

Storage

1 year, provided the cans remain closed and in normal storing conditions. **XTRA ACRYLIC** 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 to avoid the application of the product at temperatures below 0°C or just before rain.
- It is recommended that the coated surfaces shouldn't be washed until 20-30 days have elapsed after the application.
- On fresh concrete surfaces it is recommended to apply the product at least after 30-40 days.
- **XTRA ACRYLIC 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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This issue replaces all others*

