

Xtra HYDROCHROMA

TECHNICAL DATA SHEET



Description of the product

XTRA HYDROCHROMA is a cost effective paint for **interior use**, suitable for surfaces where wet scrub resistance is not necessary, such as ceilings in bathrooms and kitchens, storage houses, public buildings. Thanks to its special composition, it has no spattering (ideal for ceilings) and allows breathing of the walls. It leaves excellent mat finish, which does not "get off" with wet contact like conventional distemper paints. It spreads evenly, exhibits great hiding power and has low odor. **XTRA HYDROCHROMA** has very low concentration of Volatile Organic Compounds and is APEO-free.

Recommended uses

It is applied in interior surfaces of plaster, stucco, beton, etc. It is also applied over surfaces already painted with emulsion and acrylic paints.

Technical characteristics

Resin: Dispersion based on PVA copolymer

Density: 1.43±0.05 gr/ml

(EN ISO 2811.01, 20°C)

Viscosity (during production): 125±5 KU

(ASTM D 562, 25°C)

Viscosity (during storage): 125±10 KU

(ASTM D 562, 25°C)

Solids b.w.: 55±3%

(EN ISO 3251)

Solids b.v.: 25±5%

(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 HYDROCHROMA** belongs to the category A/a WB (Interior matt walls and ceilings). Limit Value: 30 g/l. The ready to use product contains max. 8 g/l.

Shades

Available in white and in thousands of shades via the tinting system **CHROMASYSTEM**. It can also be tinted with **CHROTEX BASIC EMULSION COLORANTS** (percentage of addition up to 5% b.w.).

Properties

Hiding power for SR 20 m²/Lt: CR: 94±0.5%

(ISO 6504.03)

Whiteness index: ≥ 85

(ASTM E 313)

Yellowing index: ≤ 1.5

(ASTM E 313)

Gloss 85°: 15±2

(EN ISO 2813)

Adhesion (Cross cut, 2 coats of XTRA HYDROCHROMA): 0-1

(EN ISO 2409)

Recoatibility: No change is noted on the film

(ELOT 788 § 5.4)

Spreading rate

Dry film thickness per coat: 35±5 µm.

Recommended Total Dry Film Thickness: 70±10 µm.

Spreading rate: 10±1 m²/Lt for complete hiding (2 coats).

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. On dirty, stained or lime-washed surfaces of walls and ceilings apply **MONOX** or **MONOX AQUA** as a primer in 1-2 coats.

XTRA HYDROCHROMA is applied in 2 coats, depending on the type and the condition of the surface.

Application method: Roller, brush, airless spray.

Diluent: Water.

Thinning: Dilute 10-20% v/v [Application viscosity: 95±5 KU (ASTM D 562)].

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

Drying time

Dry: 40±20 minutes (ASTM D 1640).

Recoating time: 2±1 hours.

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

Packaging

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

Storage

1 year, provided the cans remain closed and in normal storing conditions. XTRA HYDROCHROMA 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.
- 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.
- It is used for the production of colored shades via **CHROMASYSTEM** with the special colorants **CHROMATINT**.

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