



TECHNICAL DATA SHEET

Description of the product

SAVE PLUS ECO is an **ecological** latex paint for interior use. It fulfills the requirements of the Decision 2014/312/EC, which establishes the criteria for the eco-label award to paints and varnishes. It has **high hiding power**, is **easily applied** with no spattering and no unpleasant odor. It levels evenly giving a smooth finish of **excellent whiteness** and unaltered shades. It is an economical solution for surfaces that are frequently repainted, such as public buildings, schools, hotels, warehouses, stairways etc. It is APEO- free and has low VOC content.

Recommended uses

It is applied in interior surfaces of plaster, gypsum boards, etc.

Technical characteristics

Resin: Dispersion based PVA copolymers

Density: 1.53±0.05 gr/ml

(EN ISO 2811.01, 20°C)

Production Viscosity: 105±5 KU

(ASTM D 562, 25°C)

Storage Viscosity: 105±10 KU

(ASTM D 562, 25°C)

Solids b.w.: 60±2%

(EN ISO 3251)

Solids b.v.: 39±3%

(ISO 3233)

Storage pH: 8.0±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): **SAVE PLUS ECO** 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. 9 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 10% b.w.).

Properties

Hiding power for SR 20 m²/Lt: CR: 93±1%

(ISO 6504.03)

Spreading rate for CR 0.98: 10.2 m²/Lt

(ISO 6504.01)

Hiding power at 9-11 m²/Lt: Class 3

(ELOT EN 13300)

Whiteness index: ≥ 85

(ASTM E 313)

Yellowing index: ≤ 1.5

(ASTM E 313)

Wet scrub resistance: Class 3

(ELOT EN ISO 11998)

Gloss 85°: 5±2 Matt

(EN ISO 2813)

Bend test (Mandrel): 2 mm OK

(ELOT EN 13300)

Recoatibility: No change is noted on the film

(EN ISO 1519)

(ELOT 788 § 5.4)

Spreading rate

Dry film thickness per coat: 30±2.5 µm.

Recommended Total Dry Film Thickness: 60±5 µm.

Spreading rate: 10±1 m²/Lt for complete hiding (2 coats), depending on surface condition.

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. Plastered surfaces are primed with ecological water-based primer **PRIMEX A-300** or with the silicon acrylic water-based wall primer **PRIMEX MICRO**. For gypsum boards, apply **PRIMEX ONE** as primer. On dirty, stained or lime-washed surfaces of walls and ceilings apply **MONOX** or **MONOX AQUA** as a primer.

SAVE PLUS ECO is applied in 1-2 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±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

It is available in 0.75Lt, 3 Lt and 9 Lt cans.

Storage

1 year, provided the cans remain closed and in normal storing conditions. **SAVE PLUS ECO** 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.
- 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**.
- For more information as to why this product has been awarded the Flower please visit the web-site: www.ecolabel.eu.

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