TECHNICAL DATA SHEET

Description of the product

SAVE PLUS ACRYLIC is acrylic paint for application mainly on exterior surfaces of concrete, render, gypsumboars. It is an **economical solution** for frequently painted large surfaces, such as public buildings, schools, hotels, blocks of flats. It has good **resistance to weather** conditions and it exhibits excellent **hiding power** and spreading rate. It is **easily** applied, with no spattering, and it levels evenly giving a **smooth** finish of excellent **whiteness**.
It is APEO free (does not contain alkyl-phenol-ethoxylate compounds) and has minimum VOC content.

Recommended uses

It is applied in exterior surfaces of render, cement, etc.

Technical characteristics

Resin: Acrylic-styrene copolymer.

Density: 1.45±0.05 gr/ml	(EN ISO 2811.01-02, 20°C)
Production Viscosity: 110±8 KU	(ASTM D 562-05, 25°C)
Storage Viscosity: 110±15 KU	(ASTM D 562-05, 25°C)
Solids b.w.: 57±2%	(EN ISO 3251-03)
Solids b.v.: 38±3%	(ISO 3233-98)
Storage pH: 8.4±1.0	(ISO 976-96)
Minimum Film Forming Temperature: 0ºC	(ASTM D 2354)
Packaging stability: 10/10 (1 month, 50°C)	(ASTM D 1849-03)
Freeze-thaw stability (-10°C): OK	(ELOT 777-85)

VOC (Volatile Organic Compounds): SAVE PLUS ACYLIC 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. 20 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 15% b.w.).

Properties

Hiding power for SR 20 m^2/Lt: CR: 95±1%	(ISO 6504.03-06)
Spreading rate for CR 0.98: 12±1 m^2/Lt	(ISO 6504.03-06)
Whiteness index: ≥ 86	(ASTM E 313-05)
Yellowing index: ≤ 1.5	(ASTM E 313-05)
Wet scrub resistance: >6,000 cycles	(ASTM D 2486-96
Gloss 85°: 4±2	(EN ISO 2813-99)
Bend test (Mandrel): 2 mm OK	(EN ISO 1519-02)
Exposure to fluorescent UV: 1000 h: No change is noted on the film, DE<3.0	(EN ISO 11507-02)
Adhesion (Pull off, with as primer PRIMEX A-1300 or PRIMEX MICRO): ≥ 1.5 Nt/mm^2	(EN ISO 4624-03)
Recoatability: No change is noted on the film	(ELOT 788-85 § 5.4)

Spreading rate

Dry film thickness per coat: 30±3 μm.
Recommended Total Dry Film Thickness: 60±5 μm.
Spreading rate: 9±1 m²/Lt for complete hiding (2 coats), depending on surface condition.

Application instructions

Surfaces are cleaned from dust and flaking parts are removed. New surfaces are primed with solvent-based primer **PRIMEX A-300** or with the silicon acrylic water-based wall primer **PRIMEX MICRO**. On dirty, stained, gypsum or lime-washed surfaces apply **MONOX** or **MONOX AQUA** as a primer.
SAVE PLUS ACRYLIC is applied in 2 coats.
Application method: Roller, brush, airless spray.
Diluent: Water.
Thinning: Dilute 5-10% v/v [Application viscosity: 85±5 KU (ASTM D 562-05) and 1.3±0.3 poise (ICI, ASTM D 4287-05/25°C)].

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

Drying time

Dry: 50±20 minutes (ASTM D 1640-03).
Recoating time: 3±0.5 hours.

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

Packaging

It is available in 3 Lt and 9 Lt cans.

Storage

1 year, provided the cans remain closed and in normal storing conditions. SAVE PLUS 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 0ºC or just before rain.
- New surfaces of render or cement, should be painted after 30-40 days of substrate aging.
- It is used for the production of colored shades via **CHROMASYSTEM** with the special colorants **CHROMATINT.**

Issued: July 2014
This issue replaces all others