

PPO PLUS

Product Information

PPO PLUS is a mat emulsion paint for interior use, ideal for professional use and for places that a more frequent painting is required like public places, restaurants, schools, hospitals etc. It offers a very good hiding power workability and easy appliance very good washability, very fast drying and is almost odorless.

Product Properties

Colors: White and selected shades through THE XRO.MA COLOR SYSTEM.

Density: 1.58 ± 0.10 g/ml
(EN ISO 2811-1)

Viscosity: 115 ± 5 KU
(ASTM D 562)

pH: 8-9.5
(EN ISO 19396-1)

Water Vapor Permeability: Sd=0.11±0.02 m
(EN ISO 7783, Sd<0.14, V₁, High)

Water Permeability: w=0.18 ±0.02 kg/m²h^{0.5}
(ISO 1504-2, 0.10 ≤w≤0.50, medium class II)

Adhesion: ≥1.40 MPa
(EN ISO 4624)

Gloss Level: < 10, Mat
(EN ISO 2813: <10, σ₁₅ 85°)

Opacity: ≥ 98.5%
(EN ISO 6504- 3) (consumption ≥10 m²/ lt)

Whiteness: ≥ 88
(EN ISO 6504- 3)

Washability: CLASS 2
(EN ISO 11998: <20 μm in 200 wash cycles)

Touch Dry: ½ -1 hours (+23°C)

Recoat time: 2-3 hours (+23°C)

Substrate Preparations

PRO PLUS is applied in interior gypsum board, plasters, concretes older or new surfaces after the use of adequate primer. Substrate should be clean and free of loose materials, dust and grease or oily materials etc. that can create lower

adhesion. Any other cracks or voids on the substrate should be filled with acrylic sealant or adequate products. Application of Acrylic Primer diluted with water to 1:3 till 1:4 follows as primer. In case of Gypsum Board, the use of Acrylic Gypsum Board Primer is suggested with a 10 % dilution with water. Otherwise in case of a Water paint or very loose material or high dust substrate a Micronized Acrylic Primer is suggested for use after a 50 % dilution with water. Depending on the absorption of substrate a 100-200 g/m² of diluted primer is recommended. In case the surface is in good condition from older application with same type of paint quality the priming stage could be avoided. In case the surface is in good condition from older application with same type of paint quality the priming stage could be avoided.

Products Application

PRO PLUS is diluted with potable water 5- 10 % and stirred smoothly. It is applied in 2 layers and the best result is managed with a consumption of 12 m²/lt per layer.

Rolls brushes and airless guns might be used for product applications and should be cleaned with water and detergents immediately after application.

Application of the product should be avoided if temperature is above or lower than 7-35 °C and humidity exceeds 80 % due to probable effect on product properties.

Packaging

PRO PLUS is supplied in containers of 0.75 lt, 3 lt, 9 lt.

Shelf Life -Storage Conditions

The product has a shelf Life of 24 months in tight closed canisters and should be stored between 5-35 °C, also avoid exposure of packaging in direct sunlight and frost.

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Volatile Organic Compounds

According to Directive 2004/42/ (Annex II, table A), the maximum allowed VOC content for the product subcategory a, type WB is 30 g/lit (2010) for the ready-to-use product. The ready-to-use product contains VOC \leq 10 g/lit.

TO XROMA

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The technical information and instructions supplied in this datasheet are based on the knowledge and experience of the Department of Research and Development of our company and on results from long-term applications of the product in practice. The recommendations and suggestions referring to the use of the product are provided without guarantee, since site conditions during the applications are beyond the control of our company. Therefore, the user is responsible for confirming that the chosen product is suitable for the application. Number / date of issue 01/ 06-03-2023.

