

# ACRYLINE 100%

## Product description

ACRYLINE 100% is a high quality 100% acrylic-based paint for exterior vertical use. It shows excellent opacity and surface coverage with great workability while applying easily and flowing perfectly. It offers very good adhesion to older and new surfaces giving extremely high weather resistance and shelf-life time. It is breathable, allowing moisture to leave building structure as well as water impermeable being almost odourless. The finished surface is a homogenic mat result.

## Technical properties

*Color:* White and unlimited number of shades through THE XRO.MA Coloring System.

*Density:* 1.48 ± 0.03 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=0.20±0.02 m  
(EN ISO 7783, 0.14 <Sd<1.4, Medium, Class II)

*Water Permeability:* w=0.05 ± 0.02 kg/m<sup>2</sup>h<sup>0.5</sup>  
(EN ISO 1504-2: w ≤ 0.10, Class W<sub>3</sub>, Low)

*Adhesion:* ≥1.7 MPa  
(EN ISO 4624)

*Gloss value:* < 10, Matt  
(EN ISO 2813: <10, στις 85°)

*Opacity:* ≥ 96.5%  
(EN ISO 6504-3) (consumption ≥10 m<sup>2</sup>/l)

*Whiteness:* ≥ 89  
(EN ISO 6504-3)

*Wet-scrub resistance:* CLASS 1  
(EN ISO 11998: <5 µm in 200 wash cycles)

*Touch dry:* ½ -1 hours (23°C)

*Time to repaint:* 3-4 hours (23°C)

## Substrate Preparation

ACRYLINE 100% is applied in exterior substrates like cement boards, plasters, concrete asbestos, wood etc. to older and new surfaces after their priming with adequate primer. Substrate should be clean and free of loose materials or dust and

grease or oily materials 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. Otherwise in case of a very loose material old paint or high dust substrate a Micronized Acrylic Primer is suggested for use after a 50 % dilution with water. A solvent based primer in a 100% dilution with white spirit is also suggested. Depending on the absorption of substrate a 100-200 g/m<sup>2</sup> 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.

## Products Application

ACRYLINE 100% 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 10 m<sup>2</sup>/ 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

ACRYLINE 100% is supplied in containers of 0.75 lt, 3 lt, 10 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.

## Volatile Organic Compounds

According to Directive 2004/42/ CE (Annex II, table A), the maximum allowed VOC content for the product subcategory c, type WB is 40 g/lt (2010) for the ready-to-use product. The ready-to-use product contains VOC ≤ 20 g/lt.

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## **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.

