

ACRYLINE SILICON

Product description

ACRYLINE SILICON is a premium level quality silicon-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 long-life film. It offers an extremely breathable film allowing moisture to leave building structure as well as water impermeability, being almost odourless when applied. For all the above reasons it also prevents mold growth.

The finished surface gives an homogenic mat result.

Technical properties

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

Density: 1.35 ± 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=0.10±0.03 m
(EN ISO 7783, Sd <0.14, High, Class I)

Water Permeability: W=0.03 ± 0.02 kg/m²h^{0.5}
(EN ISO 1504-2: W ≤ 0.10, Class W₃, Low)

Adhesion: ≥2.50 MPa
(EN ISO 4624)

Gloss value: < 10, Matt
(EN ISO 2813: <10, σ₁₅ 85°)

Opacity: ≥ 97.5%
(EN ISO 6504-3) (consumption ≥10 m²/l)

Whiteness: ≥ 88
(EN ISO 6504-3)

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

Touch dry: 1 -2 hours (+23°C)

Time to repaint: 12-14 hours (+23°C)

Substrate Preparation

ACRYLINE SILICON is applied in exterior substrates like cement boards, plasters, concrete asbestos, brick work, 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/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.

Products Application

ACRYLINE SILICON 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 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 8-35 °C and humidity exceeds 80% due to probable effect on product properties.

Packaging

ACRYLINE SILICON 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.

ACRYLINE SILICON

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/lit (2010) for the ready-to-use product. The ready-to-use product contains $VOC \leq 2$ g/lit.

TO XROMA

21st KM O.N.R.Thessaloniki - Kavala -P.C. 57200/Tel. 2394052451/Info: www.toxroma.gr



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

MULTIFILL-EPOXY WALL



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.

Τα τεχνικά δεδομένα και οι οδηγίες που περιλαμβάνονται σε αυτό το τεχνικό φυλλάδιο είναι αποτέλεσμα της γνώσης και της εμπειρίας από το τμήμα έρευνας και ανάπτυξης της εταιρείας, καθώς και από την εφαρμογή του προϊόντος στην πράξη. Οι συστάσεις και οι προτάσεις σχετικά με την χρήση των υλικών γίνονται χωρίς εγγύηση, αφού οι εκάστοτε συνθήκες κατά την εφαρμογή τους είναι πέρα του ελέγχου της εταιρείας μας. Για τον λόγο αυτό είναι ευθύνη του χρήστη να βεβαιωθεί πως το υλικό είναι κατάλληλο για την προβλεπόμενη εφαρμογή και τις συνθήκες του έργου. Η έκδοση του παρόντος τεχνικού φυλλαδίου ακυρώνει κάθε άλλη προηγούμενη έκδοση για το ίδιο προϊόν.

