

SurfaPaint Hellas Cool White Elastomeric Roof

Product Description

Elastomeric, 100% acrylic, fiber reinforced, waterproofing, water-based paint with extremely high whiteness. It offers “cool” and sealing properties by combining high thermal reflectance/emittance and seal even from ponding water. The fibers inserts offer an absolute sealing solution, follow the contractions/expansions of the surfaces due to temperature changes, while in the same time prevent the crack formation and result to a flawless final membrane. The elastomeric membrane bridges the capillary cracks of the substrate and remains elastic from -20°C up to +60°C without cracking. It is breathable and resistant to extreme weather conditions, constant moisture, frost, intense sunlight, abrupt temperature fluctuations and city pollution.

Recommended Use

Ideal for new or old exterior construction surfaces such as rooftops, or substrates form ellenite, bricks, plasterboard, cement board, cement, plaster etc.

Film Thickness per Coat

	Recommended
Dry Film Thickness (µm)	200
Coverage Rate (m ² /L)	1.5

Drying times differentiate in minimum or maximum values. Maintain recommended values during application. Coverage rate is theoretical and does not include any losses.

Technical Specifications

Type ▶	Water-based dispersion 100% acrylic	Thinner/ Cleaning Solvent ▶	Water / warm water & soap
Colour ▶	White	Thinning (% v/v) ▶	5-10%
Density ▶ (EN ISO 2811-1)	1.35±0.05 kg/L	Touch Dry Time ▶	2-3h @ 20°C
Viscosity ▶ (ASTM D562-10)	105±5 KU	Dry Through Time ▶	8-10h @ 20°C
pH ▶ (ISO 4316)	8.5±0.5	Min. Recoat Interval ▶	24h @ 20°C
Solids (%vol.) ▶ (ISO 3233)	65±5%	VOC ▶	<12 g/L ¹

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

¹ VOC (Volatile Organic Compounds): Maximum EU VOC content limit value (Directive 2004/42/CE) of the product in a ready to use condition (category A/c “Exterior walls of mineral substrate”, Type WB): 40 g/L (2010). Maximum VOC content of this product is <12 g/L.

Surface Preparation

All surfaces should be clean, dry and free from oil, grease and other foreign, friable matters or contamination. New substrates from cement and new masonry should have cured for more than 4 weeks before the application. Fill the bridging gaps and hairline cracks with a suitable putty. The substrates should be primed before the application either with SurfaPaint Hellas Cool White Elastomeric Roof diluted with 50% v/v with water or primed with water-based primer SurfaMix P (high porous surfaces) or solvent-based primer SurfaMix P SB (low porous surfaces) or SurfaMix Universal Primer (nonporous surfaces such as metallic surfaces).

Application Instructions

Stir well before application. Application temperature should be between 8 - 35°C. The moisture on the substrate should not exceed 6 % (by weight) and the relative humidity should not exceed 80%. Two full uniform coats are recommended by using a good quality brush, roller or spray without thinning. Apply the second coat perpendicular to the first coat. Ensure corners and edges are adequately covered. Maximum sealing effect is achieved 7 days after application. All tools and equipment should be cleaned immediately after use with warm water and soap.

Paint System

Preceding: SurfaMix P, water-based primer (high porous surfaces) or
SurfaMix P SB, solvent-based primer (low porous surfaces)
SurfaMix Universal Primer (nonporous surfaces such as metallic surfaces)

Health and Safety

Read label before use. Safety Data Sheet is available through NanoPhos' website www.NanoPhos.com or upon request by contacting NanoPhos through email: info@NanoPhos.com or by telephone: (+30) 2292069312.

Available Packaging

- 10L Plastic Pails

Notes & Precautions: Storage of closed containers, in controlled dry and enclosed space, at temperatures from 5°C to 35°C, for up to 18 months from production date and away from sources of ignition, direct sunlight and frost. The Technical Data Sheet should be read in conjunction with the Safety Data Sheet. The present edition of this technical datasheet automatically cancels any previous one concerning the same product. For more information please contact NanoPhos: info@NanoPhos.com