

SurfaPaint™ Hellas Cool White | HCW

High whiteness, fiber reinforced, acrylic elastomer, waterproofing, water-based paint

Product Description

SurfaPaint™ Hellas Cool White is a fiber-reinforced, acrylic elastomer water-based sealant of very high whiteness. It combines high thermal reflectivity and waterproofing, even in standing water, offering "cool" and insulating properties. The fibers help in the consistency of the color and more effective waterproofing, while at the same time they prevent the creation of cracks, with a long-life impeccable result. Due to its composition, it remains elastic at temperatures from -20°C to +60°C, absorbing contractions and expansions, as a result of which it does not crack. Finally, it is extremely resistant to extreme weather conditions, constant humidity, frost and sudden temperature changes.

Recommended Use

SurfaPaint™ Hellas Cool White is ideal for application on new or old exterior building surfaces, such as roofs, walls, concrete surfaces, plaster, cement slabs, bricks, asbestos, plasterboard, etc.

Key Benefits

- ☆ High thermal reflection/emission and sealing
- ☆ Fiber reinforced, with increased mechanical strength
- ☆ Prevents the creation of capillary cracks
- ☆ Extremely resistant to extreme weather conditions
- ☆ Ideal for use on new or old exterior building surfaces.

Technical Specifications

Type	▶	Water-based acrylic
Color	▶	White or red-brown
Density (EN ISO 2811-1)	▶	1.35±0.05 kg/L
Cleaning solvent	▶	water
pH (ISO 4316)	▶	8.5±0.5
Viscosity (ASTM D562-10)	▶	106 KU
VOC (Volatile Organic Compounds)	▶	<12 g/L ¹
Solids (% v/v)	▶	65±5%
Touch-dry time	▶	2-3h @20°C (*)
Drying time	▶	8-10h @20°C (*)
Min. Recoat Interval	▶	24h @20°C (*)
Dilution	▶	5-10% by volume water

(*) Dry to recoat time is prolonged under low temperature and high humidity

NanoPhos S.A.

PO Box 519, Sci. & Tech. Park of Lavrio, 1st Km. Lavrio - Athens Ave., 19500 Lavrio, Greece
T. (+30) 22920 69312 | F. (+30) 22920 69303 | E. info@nanophos.com | W. www.NanoPhos.com

SurfaPaint™ Hellas Cool White | HCW

High whiteness, fiber reinforced, acrylic elastomer, waterproofing, water-based paint

Surface Preparation

All surfaces must be clean, dry and free of dust, oils, grease and loose residue. New cement substrates and new masonry should have matured for more than 3-4 weeks before applying the primer. Fill cracks and joints either with suitable repair material, or by applying a polyester fabric (gauze) impregnated with SurfaPaint™ Hellas Cool White.

Before applying SurfaPaint™ Hellas Cool White, the surface is primed using SurfaPaint™ Hellas Cool White itself thinned up to 50% by volume with water or water-based primer SurfaMix™ P (for porous surfaces) and SurfaMix™ Epoxy Primer WB (for non-porous surfaces, e.g. metal surfaces, ceramic tiles, cementitious surfaces or old polyurethane coatings).

Application Instructions

Stir well before use. Application temperature should be between 8°C - 35°C. Surface humidity should not exceed 6% and atmospheric humidity should not exceed 80%. Apply 2 coats, undiluted, using a good quality brush, roller or spray gun. Make sure corners and edges are adequately covered.

Recoating time should be 24 hours and crosswise. Maximum sealing capacity is achieved 7 days after application. Good ventilation is required to ensure proper drying. Tools and equipment should be cleaned with water immediately after use.

Spreading Rate

0.8 – 0.9 m²/L (roofs), for two coats, depending on the absorbance of surface application

1.5-2.0 m²/L (walls), for two coats, depending on the absorbance of surface application.

Storage

Store in the original closed package, in a well-ventilated area, at a temperature of 5°C to 35°C, away from sunlight and frost. Inclement storage conditions may affect product quality.

Health & Safety

Read the label of the product 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.

SurfaPaint™ Hellas Cool White | HCW

High whiteness, fiber reinforced, acrylic elastomer, waterproofing, water-based paint

Available Packaging

Available in white & red-brown

- 0,75L Plastic bucket
- 3L Plastic bucket
- 10L Plastic bucket r

Disclaimer: The Technical Data Sheet recommendations for the use of NanoPhos' products are based on our scientific knowledge, laboratory studies and long-term experience. The information provided must be considered indicative and subject to constant review based on specific conditions and each practical application. The suitability of the product should be examined in each case for specific use and the end user bears full & exclusive responsibility for any side effects that may arise from the incorrect use of the product. 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

SurfaPaint™ logo is a registered trademark of NanoPhos SA

NanoPhos S.A.

PO Box 519, Sci. & Tech. Park of Lavrio, 1st Km. Lavrio - Athens Ave., 19500 Lavrio, Greece
T. (+30) 22920 69312 | F. (+30) 22920 69303 | E. info@nanophos.com | W. www.NanoPhos.com