

# ISOTOP™ PU HYBRID

## Waterproof Roof Coating



### DESCRIPTION

**ISOTOP™ PU HYBRID** is a new hybrid technology elastomeric waterproof roof coating, based on acrylic polyurethane.

It is certified (European Technical Assessment ETA - 17/0924) by the Instituto de Ciencias de la Construcción Eduardo Torroja providing top waterproofing with expected working life of the system of 25 years.

With excellent adhesion and high elasticity, bridges small cracks and joints obtaining excellent resistance to extreme weather conditions from + 80 ° C to -25°C. Obtains rapidly surface hardness with high accessibility to pedestrian traffic without sticking, presenting dirt pick up resistance and maintaining its high whiteness through time.

**ISOTOP™ PU HYBRID** is a certified cool paint with high solar reflectance 92%. Reduces significantly the roof temperature in summer and holds it waterproof in winter, minimizing the air conditioning need and contributing to energy saving.

Maximum working life 25 years

Cool paint – Reduces the need for air-condition

### PRODUCT INFORMATION

**Type:** Hybrid elastomeric roof coating insulating acrylic water polyurethane.

**Specific gravity:** 1,30 ± 0,02gr/cm<sup>3</sup> (ISO 2811).

**Viscosity:** 10-12 ps (ROTOTHINNER DIN 51550, 25°C).

**Application method:** Brush, roller or airless spray.

**Thinning:** Ready to use.

**Spreading rates:** Recommended total consumption 1lt/m<sup>2</sup> (two coats).

**Drying times:** Touch dry after 2 hours and recoatable after 16- 24 hours. Drying time depends on weather conditions (humidity, temperature).

**Colours:** It is available in White.

**Storage:** Store between 5° to 40° C.

**Cool paint:**

Solar Reflectance (SR): 87%

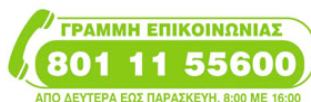
Infrared Emittance (ε): 89%

Solar Reflectance Near Infrared (SRNIR): 92%

NATIONAL TECHNICAL UNIVERSITY (NTUA)

**VOC (Volatile Organic Compounds)**

EU limit value for this product category A/c  
Paints for exterior walls of mineral substrate:  
40g/l (2010). This product contains max 5 g/l  
VOC.





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#### SURFACE PREPARATION

- Surfaces must be clean, dry and free from all defective and poorly adhering material, dirt, grease and salts.
- Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding/flattening should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.
- To bridge cracks >1mm use ELASTIKOS STOKOS by Vivechrom.
- For new or coated surfaces with chalking: Prime with ASTARI VIVEDUR primer thinned up to 20% v/v with Brush Solvent or with VIVELATEX thinned 100-200% v/v with clean water based on surface absorption.

#### APPLICATION

- Ready for use on surfaces such as concrete, cement slabs, asphalt membranes, polyurethane paints, etc.
- Stir well before use.
- Apply one coat of ISOTOP PU HYBRID and once completely dry apply a second cross coat with total consumption up to minimum 1lt/m<sup>2</sup>.
- For optimum results and maximum protection with 25 years expected working life, apply at least 3 layers with total consumption of at least 3lt/m<sup>2</sup>, minimum thickness of paint film 1,5mm and polyester reinforcement 50-100gr/m<sup>2</sup>. The reinforcement is incorporated in ISOTOP™ PU HYBRID after the first coat while the surface is wet.
- Seal carefully points of terraces with tubes (solar water heaters, ventilators, etc.) and vertical surfaces (parapets) until around 30-40cm height.
- Apply the paint and let it dry at temperatures between 10°C to 35°C.

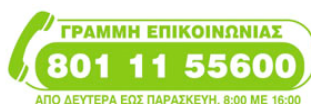
#### AFTER USE

Remove as much paint as possible from brushes and rollers before cleaning • Clean brushes and equipment with water and detergent solution after use.

#### HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

Keep out of reach of children • If medical advice is needed, have product container or label at hand • Do not get in eyes, on skin, or on clothing • Call a POISON CENTER or doctor if you feel unwell • Contains 1,2-benzisothiazol-3(2H)-one and reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction • Do not empty into drains • Dispose of contents and container in accordance with all national regulations.

**STIR WELL BEFORE USE - PROTECT FROM FROST  
DO NOT APPLY AT TEMPERATURES UNDER 10°C.**



[www.vivechrom.gr](http://www.vivechrom.gr)