

Why HyRoof Hybrid PU?

93% reflectivity (SRvis) for reduced cooling costs.

With over 300% elasticity for seamless covering of cracks and defects.

Excellent adhesion to all building surfaces such as concrete, bituminous membranes, roofing and ceramic tiles, etc.

Impermeable membrane to the external moisture but at the same time permeable to the trapped water vapor.

Superior whiteness, easy and odorless application.

THE INTEGRATED HYROOF HYBRID PU SYSTEM



HyRoof Hybrid PU



HyRoof Primer Hybrid PU



HyRoof
Polyester Tape



HyRoof
Reinforced
Polyester



Elastomeric Putty



HyPoxy Primer

For the preparation of old insulations from solvent or water-based products, one coat of HyPoxy Primer (epoxy primer) is applied.

The recoating time should not exceed 2 days.



SCAN TO SEE THE APPLICATION



HyRoof Hybrid PU

Hybrid Elastomeric
Waterproofing PU
Roof Coating



    
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HyRoof Hybrid PU

The hybrid elastomeric polyurethane waterproofing system HyRoof Hybrid PU is specifically designed for extreme climatic conditions and offers more than 10 years of protection. Its easy application makes HyRoof Hybrid PU the ideal solution for professional or DIY use.



Certified under the European Technical Assessment (ETA/0755) from the authorized testing and certification organization TZUS - member of EOTA - according to the European technical guideline EAD 030350-00-0402 (Liquid Applied Roof Waterproofing Kits).



Certified by the University of Athens, Department of Physics, as a cool thermoreflective roof coating.

Application Steps



SURFACE PREPARATION

Surfaces should be smooth, clean and dry, free from grease, dust, loose or flaking material.



REPAIRING CRACKS

Open the crack using a scraper or spatula, clean the surface, prime with HyRoof Primer and repair it with Elastomeric Putty (for cracks with thickness up to 1 cm). Once dry, apply the first layer of HyRoof Hybrid PU, embed the HyRoof Polyester Tape while the layer is still wet and cover it with material.



SUBSTRATE PRIMING

Apply undiluted HyRoof Primer Hybrid PU evenly across dry surface and allow to dry for 2 - 3 hours. Apply with brush or roller.



FINAL SURFACE

The final protected surface has high whiteness, provides superior waterproofing and reduces the building's cooling costs.

FOR MORE THAN 10 YEARS OF WATERPROOFING PROTECTION YOU NEED TO APPLY (AFTER STEP 3):

1. HyRoof Polyester Tape in the corner joints, which must be reinforced due to expansion - contraction movements. Apply a layer of HyRoof Hybrid PU, embed the tape while the layer is wet and cover it with material.

2. Place the HyRoof Reinforced Polyester while the second layer is still wet and cover it with HyRoof Hybrid PU. The next day, apply the final layer crosswise. The total consumption of HyRoof Hybrid PU is recommended to be at least 1,9 lt/m², applying 1,1 lt/m² under the reinforcement and 0,8 lt/m² as a top coat.



1ST HYROOF HYBRID PU LAYER OF APPLICATION

HyRoof Hybrid PU is ready to use and can be applied by brush, roller or airless spray gun, all over the flat surface and on the perimeter vertical parapets in at least 30 - 40 cm in height.



2ND HYROOF HYBRID PU LAYER OF APPLICATION

Recoat after 16 - 24 hours depending on the weather conditions. Apply crosswise with a total consumption of at least 1 lt/m² for the first and second layer.

