

isolor



INTEGRATED TOP QUALITY SOLUTIONS
FOR LONG-TERM PROTECTION IN ROOF SEALING!



isolar



Isolor PU Hybrid Primer

- Hybrid low-odour, low VOC water-based primer for excellent adhesion, penetration and fast drying.
- Ready to use.



Isolor PU Hybrid Aqua plus

- Top quality water soluble hybrid elastomeric sealant based on acrylic and polyurethane resins.
- It fully covers capillaries and cracks up to 1.5mm.
- Certified by the CE marking as a concrete surface protection product, in accordance with EN 1504-2.
- Certified as Cold Reflective Material (CRES, DEMOCRITUS).



Solar reflectance indicator:
SRI 108 (ASTM E 1980-01)



For professional use



DRYING
1/2-1h



For home use



DILUTION
Ready to use



HUES
Colourless
Milky colour



APPLICATION
Brush
Roll



YIELD
4-8 m²/lt



APPLICATION
Gun
Airless



COATS
1



PACKAGING
1lt
5lt



For professional use



DILUTION
5% with water
10% With asphalt
membrane



For home use



APPLICATION
Brush
Roll



HUES
White
rust



APPLICATION
Gun
Airless



YIELD
0,7-2 m²/lt



APPLICATION
Masonry
paint brush



COATS
2



PACKAGING
750ml (1,1Kg)
3lt (4,6Kg)
10lt (15,2Kg)
Specific gravity:
1,52+-0,02Kg/l



DRYING
1-3h

BETTER THAN POLYURETHANE ELASTOMERS WITH SOLVENTS

- It achieves excellent sealing with low cost of materials and labour.
- It offers significantly better behaviour in sudden rain conditions.
- It retains its whiteness without yellowing or chalking.
- It offers significantly better thermal reflectivity.
- Easy-to-use application without odours or solvents.
- Due to its high solids content, it is applied in high thickness in one layer, ensuring maximum waterproofing and adhesion.
- Easy waterproof maintenance.
- It dries and polymerises faster
- No expiry date on container.

BETTER THAN CONVENTIONAL ACRYLIC WATER BASED ELASTOMERS

- Excellent value for money
- Higher resistance combined with up to 10 years waterproofing.
- Applies even in one layer at high thickness (1-1.5Kg/m²)
- Higher resistance to stagnant waters.
- Maintains its elasticity from -20°C to + 80°C.
- Offers accessible surface - no stickiness
- Difficult to stain and easily cleaned with water.
- Retains whiteness and thermal reflectivity for longer.
- Can be applied on surfaces of asphalt membrane and polyurethane paints.
- Suitable for waterproofing roofs with photovoltaics.



0654

18

0654-CPR-0314

DoP: 06 - CE – ISOLOR PUHYBRID aqua plus - E1
EN 1504-2

ISOLOR PUHYBRID aqua plus
CONCRETE PROTECTION PRODUCT AGAINST
PENETRATION (1.3), FOR HUMIDITY CONTROL (2.2)
AND TO INCREASE SPECIAL RESISTANCE WITH
LIMITATION OF CONTENT MOISTURE (8.2) / COVERAGE

CO ₂ PERMEABILITY	Sd>50m
WATER VAPOUR PERMEABILITY	CLASS 1
CAPILLARY ABSORPTION AND WATER PERMEABILITY	W<0,1 kg/(m ² .h0,5)
DETACHMENT RESISTANCE	≥0,08N/mm ²
HAZARDOUS SUBSTANCES	ACCORDING TO 5.3
REACTION TO FIRE	EUROCLASS F

IMPORTANT ISOLOR PU HYBRID APPLICATION INSTRUCTIONS

- Application to new concrete requires the surface to stand for 4 weeks before priming with Isolor Primer and coating with Isolor PU Hybrid.
- The humidity of the surface to be sealed should be less than 15%.
- Good cleaning of dusts and loose spots is recommended, while any worn out insulation, dirt and vegetation should be removed with a sander.
- For roof areas with ventilation ducts, it is recommended to apply the Isolor PU Hybrid product with fibreglass or polyester reinforcement.
- When applying the product in a layer of 1-1.5 kg/m² the application surface should be lower than 30°C and there should be no wind blowing, as there is a risk of forming a film that will dry out unevenly. Applying the product to ambient temperatures above 35°C makes application difficult as it results in fast drying.

Isolor Duraflex

- Top quality spreadable elastomeric polyurethane sealant with single component solvent for effective and long lasting protection.
- It retains its elasticity from -20°C to +90°C.



Isolor Roof

- Acrylic elastomeric insulation material with very good sealing properties.
- It follows the contractions - dilations of the surface, without popping or peeling.
- Effectively insulates and protects against adverse weather conditions.



Solar reflectance indicator:
SRI 108 (ASTM E 1980-01)



For professional use



DILUTION
10% in Special
Duraflex Solvent



HUES
White



APPLICATION
Brush
Roll



YIELD
1,5-2 m²/lt



APPLICATION
Thick brush



COATS
2



APPLICATION
Spatula



DRYING
6-8h



PACKAGING
750ml
4lt
18lt



For professional use



DILUTION
5-10%
in water



For home use



APPLICATION
Brush
Roll



HUES
White



APPLICATION
Thick brush



YIELD
1-3 m²/lt



APPLICATION
Spatula



COATS
2



PACKAGING
3lt
9lt



DRYING
2-3h



ESTIMATED DURATION OF THE ROOF SEALING AND PROTECTION OPERATION USING ISOLOR PU HYBRID

Total consumption	Estimated minimum sealing life	Use of polyester reinforcement	Comments
1,0 Kg/m ²	4-5 years	—	Applicable with a single coat
1,5 Kg/m ²	5-7 years	—	Applicable with a single coat
2,0 Kg/m ²	7-9 years	—	—
2,0 Kg/m ²	9-10 years	50gr/m ²	The use of reinforcement requires the application of material in at least 3 coats. The reinforcement is applied after the 1st coat while it is still fresh.
4,0 Kg/m ²	10-14 years	100gr/ m ²	The use of reinforcement requires the application of material in at least 3 coats. The reinforcement is applied after the 1st coat while it is still fresh.

VECHRO TECHNICAL SUPPORT DEPARTMENT

For technical information on Vechro products and/or how to apply them, just ask us!

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