

# isolor



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



isolor



## 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  
½-1h



For home use



DILUTION  
Ready to use



HUES  
Colourless  
Milky colour



APPLICATION  
Brush  
Roll



YIELD  
4-8 m²/lit



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/lit



APPLICATION  
Masonry  
paint brush



COATS  
2



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



DRYING  
1-3h



# isolor

# PU | HYBRID

## 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/m<sup>2</sup>)
- 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 <sub>2</sub> PERMEABILITY	Sd>50m
WATER VAPOUR PERMEABILITY	CLASS 1
CAPILLARY ABSORPTION AND WATER PERMEABILITY	W<0,1 kg/(m <sup>2</sup> .h0,5)
DETACHMENT RESISTANCE	≥0,08N/mm <sup>2</sup>
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/m<sup>2</sup> 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 m<sup>2</sup>/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 m<sup>2</sup>/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 <sup>2</sup>	4-5 years	—	Applicable with a single coat
1,5 Kg/m <sup>2</sup>	5-7 years	—	Applicable with a single coat
2,0 Kg/m <sup>2</sup>	7-9 years	—	—
2,0 Kg/m <sup>2</sup>	9-10 years	50gr/m <sup>2</sup>	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 <sup>2</sup>	10-14 years	100gr/ m <sup>2</sup>	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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