

isolor



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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E206-E210:19

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



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/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)
 - DRYING 1-3h
- Specific gravity: 1,52 +/- 0,02Kg/lt

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/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.



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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