

ROOF EXPERT

ADVANCED ROOFING SYSTEMS

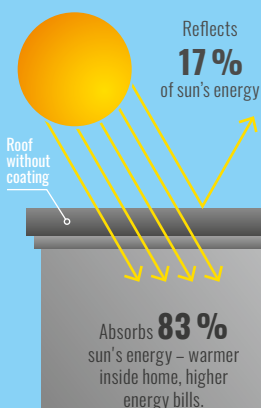


NEW

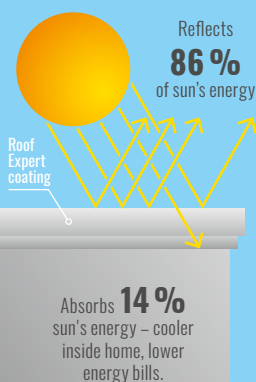
**INNOVATIVE TECHNOLOGY
LIQUID WATERPROOFING
ROOF MEMBRANES**

ROOF EXPERT innovative systems are designed to provide durable protection for flat and inclined roofs of concrete, brick, stone, bitumen sheaths, roof tile or metal. Liquid membranes are made without joints with full adhesion to the substrate and protect it from water, moisture and UV rays. Thanks to the high reflection of solar energy, Roof expert coatings reduce the "heat island" effect in urban environments and give low temperature to the roof, thus increasing its durability. Roof expert systems are excellent technology for new roofs and ideal solution for renovation of old ones.

ROOF **WITHOUT** ROOF EXPERT COATING



ROOF **WITH** ROOF EXPERT COATING



ROOF EXPERT coatings are tested according to EN 1504-2 coating (C) principles PI, MC and IR.

ROOF EXPERT AC

Highly flexible, environmental friendly, acrylic based membrane.

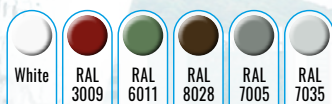
ADVANTAGES:

- › Highly resistant to UV aging, heat aging and temperature changes
- › Very resistant to dirt pick up
- › Easy application by roller or airless
- › Excellent adhesion on: mortar, concrete, brick, stone, existing bitumen sheaths, roof tile, metallic surfaces, etc.
- › Ideal solution for overbridging joints of different materials using an appropriate primer
- › 5–10 years working life (depending on the system)

APPLICATION AREA:

- › Flat or inclined roofs
- › Cupolas and curved roofs
- › Ideal flow around chimneys, ventilation exits, dilatations, etc.

COLOR AVAILABLE**:



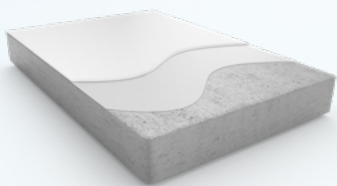
** The shades are indicative, they may deviate from the actual ones due to printing limitations. Other shades on request.

ROOF EXPERT AC SYSTEMS:

PROTECTIVE FINISH

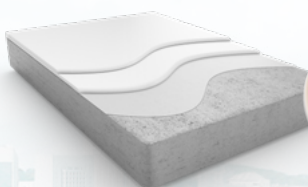
(High reflective coating with cooling effect (cool roof; white shade))

- › 1. Substrate
- › 2. ROOF EXPERT Primer*
- › 3. ROOF EXPERT AC (0,50–0,70 kg/m²)



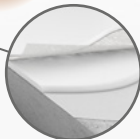
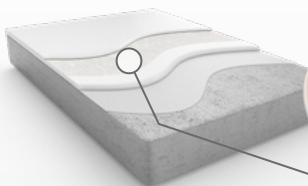
WATERPROOF COATING

- › 1. Substrate
- › 2. ROOF EXPERT Primer*
- › 3. ROOF EXPERT AC (1. coat: 1,50 kg/m²)
- › 4. ROOF EXPERT AC (2. coat: 1,50 kg/m²)



REINFORCED WATERPROOF COATING

- › 1. Substrate
- › 2. ROOF EXPERT Primer*
- › 3. ROOF EXPERT AC (1. coat: 2,00 kg/m²)
- › 4. ROOF EXPERT Reforce 50
- › 5. ROOF EXPERT AC (2. coat: 1,00 kg/m²)



* The choice of the primer depends on the type of substrate:
ROOF EXPERT C primer – mineral substrates
ROOF EXPERT M primer – galvanized steel substrates
ROOF EXPERT MC primer – damaged galvanized steel substrates
ROOF EXPERT AC + 10% water – bituminous substrates

ROOF EXPERT PU SYSTEMS

Easy application and durable solution: ROOF EXPERT PU 510 polyurethane, liquid waterproofing base coat in combination with UV stable ROOF EXPERT PU 610 top coat.

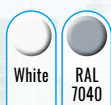
ADVANTAGES:

- › Easy application by roller or airless
- › Fast curing, ability to rapidly become resistant to rain damage
- › Ideal solution for overbridging joints of different materials
- › Seamless, easy to repair
- › Moisture curing coating
- › 10-25 years working life (depending on the system)

APPLICATION AREA:

- › Flat or inclined roofs
- › Can be used in all roofing systems
- › All construction materials (mortar, concrete, brick, stone, existing bitumen sheaths, roof tile, metallic surfaces, etc.)

COLOR AVAILABLE**:



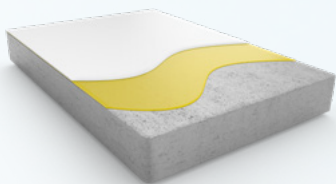
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ROOF EXPERT WATERPROOFING POLYURETHANE SYSTEMS:

PROTECTIVE FINISH

(High reflective coating with cooling effect (cool roof; white shade))

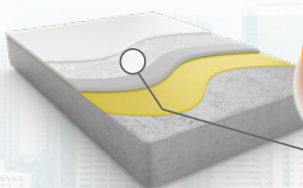
- › 1. Substrate
- › 2. ROOF EXPERT PU Primer (0,18–0,20 kg/m²)
- › 3. ROOF EXPERT PU 610 (0,75–1,00 kg/m²)



DURABLE SOLUTION

SYSTEM 1

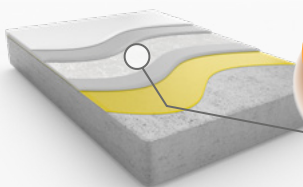
- › 1. Substrate
- › 2. ROOF EXPERT PU Primer (0,18–0,20 kg/m²)
- › 3. ROOF EXPERT PU 510 (1,50 kg/m²)
- › 4. ROOF EXPERT Reforce 50
- › 5. ROOF EXPERT PU 610 (0,50–0,75 kg/m²)



10
YEARS
WORKING LIFE

SYSTEM 2

- › 1. Substrate
- › 2. ROOF EXPERT PU Primer (0,18–0,20 kg/m²)
- › 3. ROOF EXPERT PU 510 (1,00 kg/m²)
- › 4. ROOF EXPERT Reforce 50
- › 5. ROOF EXPERT PU 510 (1,00 kg/m²)
- › 6. ROOF EXPERT PU 610 (1,00 kg/m²)



25
YEARS
WORKING LIFE

ROOF EXPERT – LIQUID WATERPROOFING

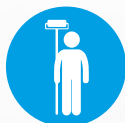
Acrylic (ROOF EXPERT AC) and polyurethane systems (ROOF EXPERT PU).

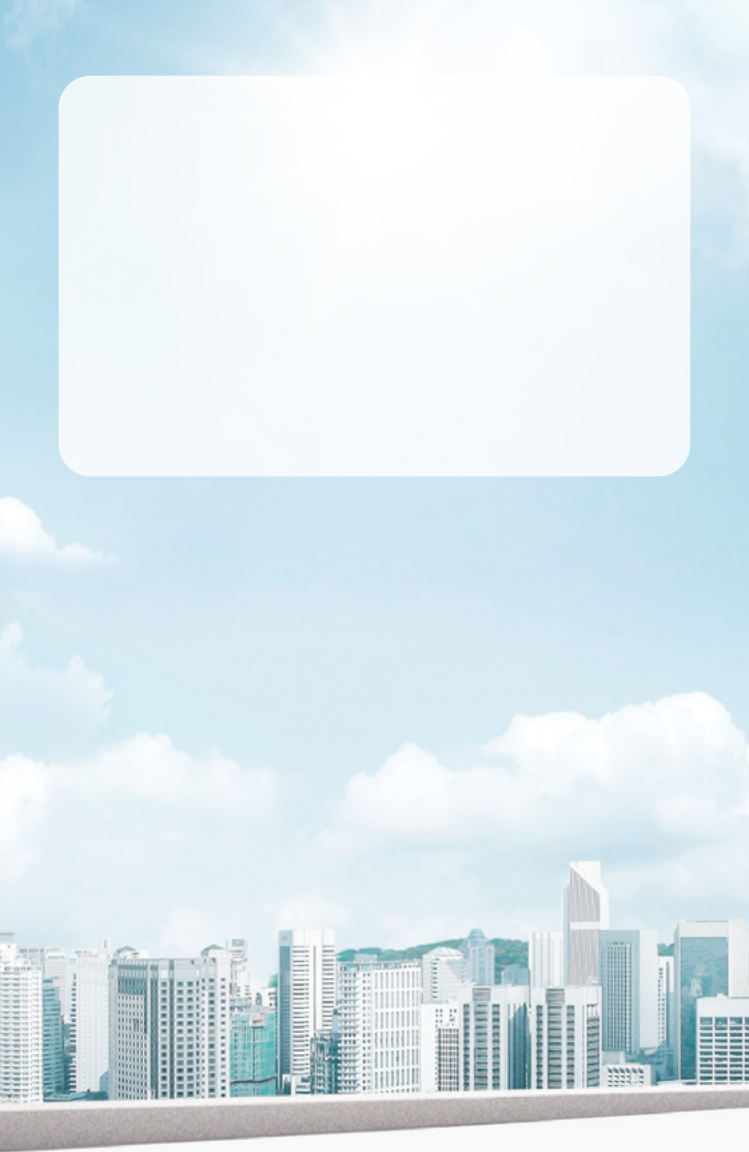
ADVANTAGES:

- › excellent crack bridging ability
- › no penetration through construction
- › durable, impermeable, without seams or joints, easy to repair
- › excellent mechanical resistance
- › excellence weather resistance
- › easy application
- › high elasticity
- › water-vapor permeable
- › high reflection of solar energy
- › variety of shades

SUBSTRATE PREPARATION:

- › remove all impurities, grease, dust
- › remove any loose particles
- › remove any old paints and oils
- › substrates must be prepared mechanically using high pressure sand or abrasion





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