

APPLICATION

EnduRoof 2K can be successfully applied on: Concrete, fibrous cement, mosaic, cement roof tiles, old (but well adhered) acrylic and asphalt coats, wood, corroded metal, galvanized steel. For information about other substrates, please contact our tech department. Apply with brush, roller or airless spraying in two, at least, coats with minimum total consumption of 1.2-1.7kg/m².

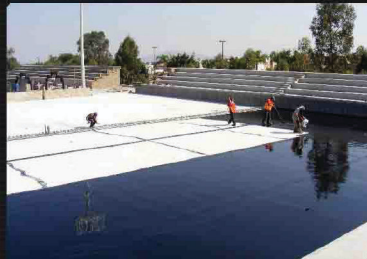
PHYSICAL DATA

- Viscosity (Brookfield): 3000 - 6000 PCF
- Specific weight: 0.97 gr/ cm³
- Flash point: > 4 °C
- Tack free time 77 de (25°C) & 55% RH: 1-2 hours
- Recoat: 6 - 24 hours
- Service temperature: -40 à 80 °C
- Service temperature (Shock): 150 °C
- Hardness: 35 Shore A
- Tensile strenght at break at 23°C: > 2 N/mm²
- % elongation at 23°C: > 2000 %
- Thermal resistance (200 days at 80°C): Passed
- Adhesion to concrete: > 20 (> 2) kg / cm² (N/mm²)
- Tensile test after 300% elongation: < 1 %
- QUV ,accelerated weathering test (4hrs UV, at 60 °C (UVB - lamps) & 4 hrs Cond at 50 °C: after 1000 hours
- Hydrolysis (8% KOH, 10 days at 50°C): Unaffected
- H2O absorpction 10 days: < 0.9%

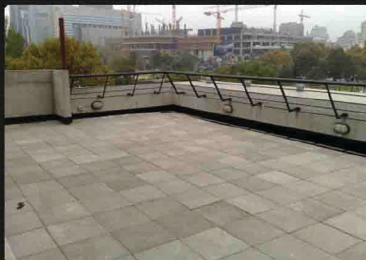
PROJECTS



Stadium - Mexico



Stadium - Mexico



Roofing - Chile [before]



Roofing - Chile [after]

ENDUROOF 2K

Enduroof 2K is an excellent water barrier and can easily be used for roof repair and renovation. This 2 component product is highly flexible and strong and has great adhesion to many different substrates.



DESCRIPTION

Enduroof 2K is a fast-curing, two-component, bitumen-extended polyurethane fluid. It produces a highly elastic membrane with strong adhesion to many types of surfaces and excellent mechanical and chemical resistance properties. It is based on pure elastomeric hydrophobic polyurethane resin and is extended with chemically polymerized virgin bitumen.

BENEFITS

- Components easily mixed 1:1 by volume.
- Fast curing.
- Thick, bubble-free, membrane possible.
- Being a two-component product means that the quantities not mixed can be stored for later use.
- Its low modulus gives it excellent substrate crack-bridging properties.
- Excellent adhesion on almost any surface, with or without the use of special primers.
- No thinning is required but xylene may be used.
- Excellent thermal resistance, the product never turns soft.
- Max service temperature 80 °C, max shock temperature 200 °C
- Resistance in the cold: the film remains elastic even down to -40°C.
- Excellent mechanical high elongation, tensile and tear strength, high abrasion resistance.
- Good chemical resistance.
- UV resistant.

USES

Waterproofing and protection of:

- gypsum and cement boards
- polyurethane insulation foams
- asphalt membranes
- EPDM membranes
- bathrooms (under tiles)
- verandas and balconies (under tiles)
- flower pots
- roofs
- light roofing made of metal
- light roofing made of fibrous cement
- non-potable water tanks
- basements
- foundations
- bridge platforms
- “cut-and-cover” tunnels
- irrigation channels

