



IDROBIT

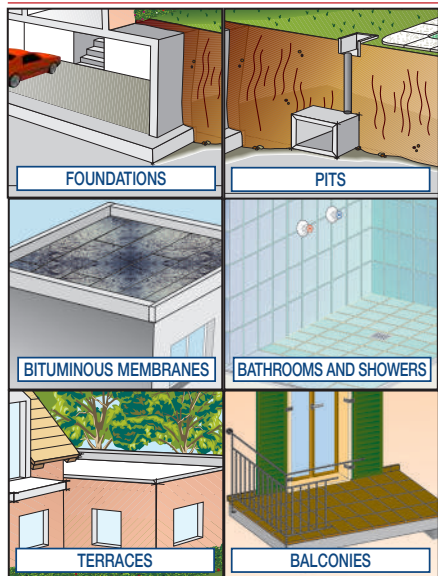
**WATER-BASED ONE-COMPONENT BITUMEN ELASTOMER PASTE
WATERPROOFING COATING, READY TO USE,
WITH HIGH ADHESION AND ELASTICITY;
SUITABLE FOR WATERPROOFING OPERATIONS
AND REPAIRING OLD BITUMEN COVERINGS**

GRANTS *LEED* CREDITS

| CHARACTERISTICS | | | ENVIRONMENTAL | METHOD OF USE | | | PRECAUTIONS |
|-----------------|-------------|---------------|---------------|------------------|----------------|-----------------|-------------------------------|
| ONE-COMPONENT | WATER BASED | WATERPROOFING | ECO GREEN | MIX MECHANICALLY | APPLY BY BRUSH | APPLY BY ROLLER | STORAGE: KEEP AWAY FROM FROST |

PROBLEM

WATERPROOF: FOUNDATIONS, PITS, BATHROOMS, TERRACES, BALCONIES AND SLABS WITH DIFFICULT PARTS

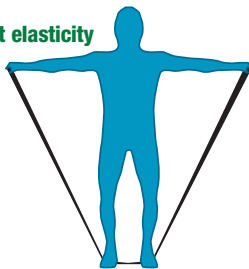


SOLUTION

IDROBIT is a ready to use, semi-dense bitumen paste in aqueous solution. Its black colour is obtained from the mixture of special synthetic resins with special bitumens.

Once the bitumen paste thus obtained has dried, it becomes highly elastic and adherent to the surface and outstandingly waterproof.

Excellent elasticity



APPLICATION FIELDS

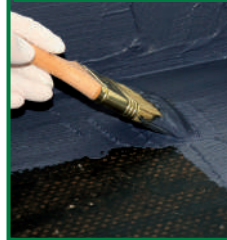
IDROBIT is used to waterproof vertical and horizontal concrete, wood and ceramic surfaces,

insulation and bitumen membranes.

It is used to waterproof concrete slabs, foundations, difficult parts on roofs or terraces, bathrooms, etc.; it can also be used to repair bitumen coverings and/or for waterproofing in general.

Large surface. For surface areas over 50 m² or surfaces subject to strain, it is recommended to reinforce the product with RINFOTEX EXTRA (covered polyester non-woven fabric reinforcement spread and incorporated into the waterproofing in order to obtain improved waterproofing resistance levels), by burying the reinforcement into the first generous coat while it is still wet. The reinforcement overlaps must be 10 cm.

Application on bituminous membranes



ADVANTAGES

- Non-toxic product.
- Excellent adhesion to the surface.
- Excellent water resistance.
- Excellent elasticity.

METHOD OF USE

• SUBSTRATE PREPARATION

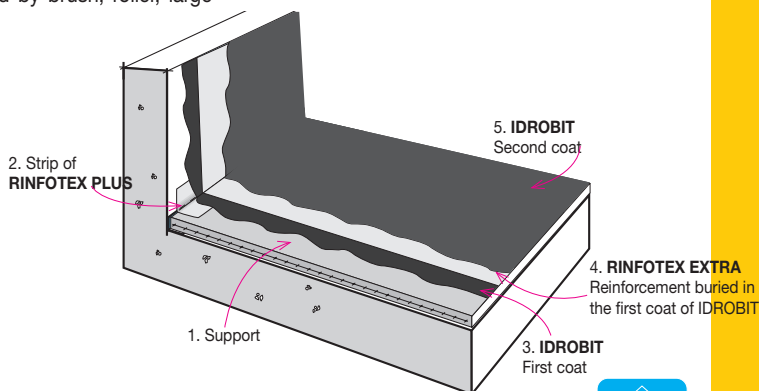
The concrete surfaces must be dry, perfectly clean and free from dust, oil, grease, non-uniform and crumbling or weakly anchored parts, remains of concrete, lime, plaster or paint. Check the planarity of the base, the mechanical performance, the surface consistency, the presence of suitable slopes and the residual humidity. Surfaces with humidity levels >3% must be treated with PRIMERBLOCK AB primer, which acts as a vapour barrier in order to prevent pieces coming away and bubbles from forming, for a consumption of about 1.5 kg/m², or POLIDUR PRIMER with a consumption of 300 ml/m². Deteriorated parts must be reinstated with special mortars to obtain an even and compact surface. In the event of overlaying on old floors, the anchoring must be checked; tiles that could possibly detach must be removed and their cavity grouted with quick-setting cement mortar. For

crumbling surfaces, apply the water-based primer, PRIMER FIX, using about 300 g/m². Concrete surfaces must be perfectly clean and dry, free from dust, oil and crumbling/loose parts.

IDROBIT can be applied by brush, roller, large broom or airless spray gun with suitable filter. Apply "as is" or dilute with no more than 5% water.

• COVERAGE

The theoretical consumption is 1 kg/m² for a dry film of 0.7 mm.



TECHNICAL CHARACTERISTICS

| | Standard | IDROBIT |
|---|------------|--|
| Appearance | | Paste |
| Colour | | Black |
| Apparent density | EN 2811-1 | 1.30 ± 0.10 kg/ℓ |
| Shelf life in original packaging (dry stored) | | 12 months |
| Mix characteristics and workability | | |
| Application temperature | | +5°C ÷ +35°C |
| Maximum application thickness | | 2 mm (two coats) |
| Waiting time - touch dry (*) | | 4 hours |
| Waiting time - complete drying (*) | | 4 days |
| Waiting time - recoating (*) | | 24 hours |
| Waiting time - for application of ceramic or paints (*) | | 4 days |
| Adhesives class for application of ceramic | | C2S2, in compliance with EN 12004:2007+A1:2012 |
| Application | | manual or spray application |
| Performance characteristics | | |
| | Standard | Product performance |
| Class and Type | EN 1504-2 | C PI-MC-IR |
| Watertightness | EN 14891 | >250 KPa - waterproof |
| Cold flexibility | UNI 1109 | -20°C |
| Permeability to aqueous vapour | EN 7783 | 5 m ≤ Sd <50 m - class II |
| Adherence test | EN 1542 | ≥1.0 MPa |
| Initial adhesion strength - after 28 days | EN 14891 | ≥1.0 N/mm ² |
| Adhesion strength - after water dipping | EN 14891 | ≥0.5 N/mm ² |
| Adhesion strength - after basic water dipping | EN 14891 | ≥0.5 N/mm ² |
| Adhesion strength - after chlorate water dipping | EN 14891 | ≥0.5 N/mm ² |
| Adhesion strength - after heat | EN 14891 | ≥0.5 N/mm ² |
| Adhesion strength - after thaw-frost cycles | EN 14891 | ≥0.5 N/mm ² |
| Adhesion strength - to steel | | ≥1.0 N/mm ² |
| Adhesion strength - to wood | | ≥1.0 N/mm ² |
| Adherence - on bituminous membranes (pelage) | EN 12316-1 | ≥35.0 N |
| Ultimate tensile strength | NFT 46002 | >1 000% |
| Ultimate tensile strength - with reinforcement RINFOTEX EXTRA | EN 12311-1 | 60±10% |
| Crack bridging ability at +20°C | EN 14891 | >20 mm |
| Adhesion strength | NFT 46002 | 9±1 kg/cm ² |
| Adhesion strength - with reinforcement RINFOTEX EXTRA | EN 12311-1 | 600 N |
| Capillary water absorption | EN 1062-3 | w < 0.01 kg/m ² ·h ^{0.5} |
| Permeability to CO₂ | EN 1062-6 | Sd >50 m |
| Hazardous substances | EN 1504-2 | in accordance to ZA.1 note |

Test conditions: temperature 23±2°C, 50±5% R.H. and air velocity in test area <0.2 m/s. The data indicated may vary based on the specific conditions of the worksite: temperature, humidity, ventilation, porosity of the substrate.

(*) The times indicated will be longer or shorter as the temperature drops or rises.

Pursuant to European standard EN 1504-9 - General principles for the use of products and systems.

(See previous)

• PRECAUTIONS

- It is not suitable for painting concrete drinking water storage tanks.
- You can lay tiles onto IDROBIT using C2S2 adhesives.
- Wait between one coat and another for the layer below to dry completely.
- Minimum application temperature +5°C

- Do not apply in bad weather conditions because before it has dried completely it could be washed away with rainwater or ruined by frost.
- Do not apply in extremely hot and cold conditions.
- Treat the dry surface with a coat of PRIMER FIX to prevent stickiness, particularly in summer.
- For application on membranes, check the

- surface finish before application. Slate or sand-blasted surfaces: cleaning is sufficient; Flamina gloss film: surface torching is necessary; Texflamina: must be new; talcum surface: must be cleaned with thinner or soap and water.
- The product must be stored in a cool place at temperatures of above +5°C and protected from direct sunlight. Keep away from frost. It cannot be used again if it freezes.

PACKAGING

IDROBIT

20-kg Pail

5-kg Can

• FOR ANY FURTHER INFORMATION OR ADVICE ON PARTICULAR APPLICATIONS, CONTACT OUR TECHNICAL OFFICE • IN ORDER TO CORRECTLY USE OUR PRODUCTS, REFER TO INDEX TECHNICAL SPECIFICATIONS •

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