

# TECHNICAL DATA

| PRODUCT FEATURES  | VALUE      | MEASURE UNIT | STANDARD     |
|---|------------|--------------|--------------|
| Density   | 1,39       | g/ml         | ISO 1675     |
| Dry Extract   | 72,7       | %            | EN 1768      |
| Dry time  | 3h 15 min  |              | EN 1769      |
| Thickness of dry film (2 Kg/m <sup>2</sup> )                            | 1,1 (± 1%) | mm           |              |
| Viscosity   | 0,59       | Pa · s       | EN 1781      |
| Watertightness  | PASS       |              | EOTA TR 003  |
| Water vapour permeability   | 25.562     | μ            | EN 1931      |
| Resistance to sliding 80°C  | 0,3        | mm           | EOTA TR 009  |
| Tensile strength  |            |              | EN-ISO 527-3 |
| Standard condition  | 1,94       | MPa          |              |
| Product aged  | 3,17       | Mpa          |              |
| Tensile elongation  |            |              | EN-ISO 527-3 |
| Standard condition  | 66,7       | %            |              |
| Product aged  | 66,9       | %            |              |
| Delamination strength at 23°C   |            |              | EOTA TR 004  |
| 7 days  | + 5°C      | + 35°C       |              |
| Concrete  | 1237       | 1364         | KPa          |
| Tile  | 662        | 600          | KPa          |
| Bituminous membrane   | 333        | 354          | KPa          |
| Metal sheet   | 1528       | 1605         | KPa          |
| Delamination strength at 23°C<br>(Product aged into water 60°C 30 days) |            |              | EOTA TR 004  |
| Concrete  | 2035       | KPa          |              |
| Bituminous membrane   | 411        | KPa          |              |
| Exposure procedure for artificial weathering                            | PASS       | 10 years     | EOTA TR 010  |
| Solar reflectance (White colour)  | 83         | %            | UNI EN 410   |
| Shelf life  | 1          | year         |              |

## COLOURS:

| Standard (Std) | Extra | Plus |
|----------------|-------|------|
|                |       |      |



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All data refer to the standards in force at the time of issue. Program srl reserves the right to change them without prior notice. All data provided have been gathered from our practical experience and are test averages. Despite their reliability they do not constitute commitment and responsibility on the part of Program srl. The buyer and user are responsible for the product suitability to its usage.

[www.icobit.com](http://www.icobit.com)

## PACKAGE



1 • 5 • 10 • 20 Kg

## TOOLS



Roll



Brush

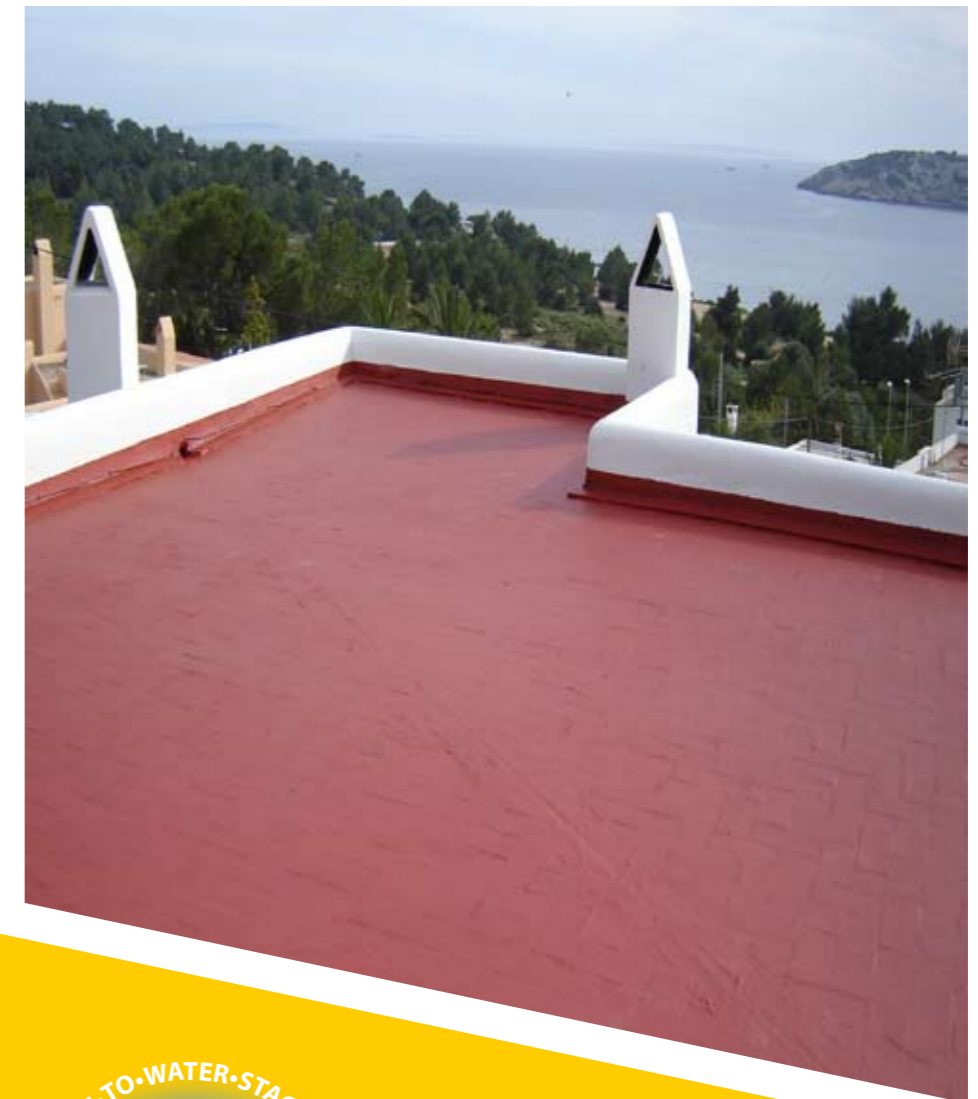


Airless Machine



**icobit**  
WATERPROOFING SYSTEMS

*One Component  
Coloured  
Flexible  
Waterproofing  
Membrane  
In Water Emulsion  
Resistant To  
Water Stagnation*





RESEARCH CENTER  
- BRAZIL -



CONVENTION SITE  
- ITALY -



HOTEL  
- SPAIN -



MOSQUE  
- SIRYA -

**- USES -**

IT IS IDEAL FOR WATERPROOFING OF **FLAT ROOFS, SLOPING ROOFS, WALLS, FOUNDATION AND RETAINING WALLS, FACADES, EAVES, STACKS, TERRACES, BALCONIES, OLD BITUMEN COATS, ASPHALT, POLYURETHANE FOAM, METAL AND ALUMINIUM SHEETS, FIBER-CEMENT SHEETS, TILES.**

# icoper®

**- PERFORMANCES -**

**Resistance To "Pool-effect" Caused By Water Stagnation On Flat And Sloping Surfaces.**

**Resistance To Water Pressure.**

**One Component, Ready To Use.**

**Resistance To Uv Sun Rays.**

**Top Coat,**

**No Protection Paint Needed.**

**High Solar Reflectance.**

**Environment Friend, Water Base,**

**Solvent Free Formula.**

**Safe And Easy Applications.**

**Elastic And Flexible.**

**Total Adhesion To The Substrate.**

**Easy Application On Complex Geometrical Shapes.**

**Jointless, Continuous Layer.**

**Resistance To Pedestrian Transit For Maintenance Activities.**

# icoper®

**- INSTRUCTIONS FOR USE -**

Apply two or more coats by brush, roller or airless spray machine (if required dilute with 5% - 10% of water). The total consumption can not be less than 2 kg/m<sup>2</sup>. Wait until the first coat is dry before applying further coats.

The final thickness of **icoper®** must never be less than 1 mm, in order to form a flexible continuous coat. Use polyester mesh reinforcement (weight 100 gr/m<sup>2</sup>) or fiberglass net reinforcement (weight 100 gr/m<sup>2</sup>) where the product is subject to mechanical stress. Application could be done applying different colours for each layer, in order to cover perfectly the surface.

Tools can be cleaned, when the product is still wet, by water otherwise by nitro-solvent if the product dried.



**- SURFACES PREPARATION -**

The substrate must be well clean, free from dust, flakes, dirt and grease. The substrate must be completely dry, in case of hydrowashing, wait for the complete drying of the surface.

**Concrete Surface-Cementitious Substrate**

Carefully clean, remove dust and dirt and repair the damaged points. Apply, on dry surface, a first layer of **icoper®** diluted with water 30% - 50% then apply two layers of **icoper®** pure. Use reinforcement where needed. Total consumption > 2 kg/m<sup>2</sup>



**Asphalt Substrate - Bituminous Materials**

Carefully clean, remove dust and dirt and repair the damaged points. Remove old protective paints which have peeled off. Apply, on dry surface, two layers of **icoper®** pure. Use reinforcement where needed. Same process on asphalt/bitumen covered by sand, ardesia, aggregates. Apply on membranes > 1 year old. Total consumption > 2 kg/m<sup>2</sup> Tools: brush, roller, spray.



**Metal Surfaces (Iron, Steel, Aluminium, Copper)**

Carefully clean, remove dust, rust, dirt and old protective paints which have peeled off. Use a rust converter if required (ICORUST). The adhesion of **icoper®** on the substrate will be higher after a pretreatment by degreasing and sand-blast. Apply, on dry surface, two layers of **icoper®** pure. Use reinforcement where needed. Total consumption > 2 kg/m<sup>2</sup> Tools: brush, roller, spray.



Solar Reflectance 83% white colour

REMARKS

Do not apply on bitumen membranes which could bleed oil. Apply **icoper®** at working temperatures between +5°C and +35°C. Do not apply during the hottest hours of the day. Do not apply directly on wet surfaces, and substrates subject to negative pression. **icoper®** could be damaged by rain, dew and fog shortly after application and before full cure. Do not use **icoper®** to fill and/or cover cracks which are subject to shearing movements, joints must be treated separately. Once completed the application, the eventual residual tackiness, can be eliminated by means of dredging of industrial talc or cement.



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