

# icopas®



One-component continuous elastobituminous membrane  
for low temperatures

## ISSUE

It is ideal for waterproofing of: roofing in general, concrete terraces, old bitumen coats, foundation walls, earth retaining walls, flower pots, hanging gardens, eaves, valleys, covering details.

Available in two versions: **D** (dense) and **AR** (anti-root).

## PERFORMANCES

- Low working temperature resistance.
- Elasticity.
- Creation of continuous waterproofing coats.
- Easy to apply.
- Water-resistant.
- Excellent adjusting capacity to any surface to cover.

## APPLICATION METHOD

- Airless, roller, brush.

## SURFACE PREPARATION

The substrate must be completely dried because humidity and vapour that can derive by the radiation of it can cause bubbles and detachments of the waterproofing coating.

**Cement surfaces:** carefully clean them, by removing dust, flakes and clots, grease, oils and anything which could affect the adhesion; apply one coat of the specific ICOPAS-P primer at a rate of 0,250÷0,300 Kg/m<sup>2</sup>.

**Bitumen-polymer membrane surfaces:** carefully clean the surface to treat and remove protective paints, which are peeling off and restore eventual leakages of the surface.

**Metal surfaces:** carefully clean them, by removing dust, flakes and clots, grease, oils and any other material which may affect adhesion to the surface; perform mechanical rust removal and apply the rust converter ICORUST.

## APPLICATION INSTRUCTIONS

Once the primer indicated in the "SURFACE PREPARATION" section dried, Apply at least two coats of ICOPAS waiting at least 24 hours between the applications; the total consumption can not be less than 2 kg/m<sup>2</sup>.

Use Polyester or Fiber-glass reinforcement, where the product is subject to mechanical stress.

For any eventual dilution and to clean the tools use the specific diluent ICODIL SX.

## STORAGE

Keep the product out from heat sources, in a dry and ventilated place.

## TRANSPORT

Name: **PAINTS**

**ADR/RID** land conveyance: UN n. **1263**; Class: **3**; Label: **3**; Packaging group: **III**; Class. Code: **F1**

Customs code: **3208** (Paints and Varnishes base with sintetic polymers disperded or dissolved in a no-aqueous medium).

## REMARKS

After some time, protection paints for **icopas** can be subjected to "crocodile" effect, caused by a different thermal expansion coefficient with respect to the membrane; this effect compromise exclusively the aesthetic appearance of the paint, restorable with one coat of the same paint • When waterproofing earth retaining walls, we suggest to make a dividing coat between **icopas** covering and the drainage and re-burying material • Mix up any eventual deposit, avoiding to use any electrical equipment • Do not apply during the sunniest hours of the day, or in case of rain, dew and fog • Eventual expansion joints must be treated separately • An overdosage of product per coat can cause anaesthetic appearances (such as the formation of bubbles and bulges) • If **icopas** is exposed to UV rays, we suggest to protect it with **icobit** protection paints • In case of vertical supports, do not apply more than 600÷700 gr/m<sup>2</sup> per coat • Do not use general bitumen primers for the impregnation of supports

## Technical Data

PRODUCT INFORMATION	VALUE	MEAS. UNIT
Type of product	Single-component	
Specific gravity	1,03 (± 0,05)	Kg/lit.
Solid content (weight)	52 (± 2%)	%
Adhesion test	5	Kg/cm <sup>2</sup>
Viscosity Ford Cup Ø 8 mm at 23°C (±3°C)	40 (± 1)	Seconds
Complete drying at 23°C (±3°C)	24	hours
Tensile strength Ø 1,38 mm	5	Kg/cm <sup>2</sup>
Elongation strength Ø 1,38 mm	3360	%
Cold flexibility	- 50	°C
Number of coats	min. 2 (priming excluded)	SHORE A
Dosage per coat	1	Kg/m <sup>2</sup>
Thickness of dried film (for 1 Kg/m <sup>2</sup> )	0,505 (± 1%)	mm
Water vapour permeability	166.137	μ
Dilution	Ready to use	
Colour	Black	
Shelf life	1	Year

### CERTIFICATIONS

- Certifications resulted from laboratory tests.
- Determination of tensile strength UNI 8202-08 (R/032/0277 LABORTEC).
- Determination of breaking elongation UNI 8202-08 (R/032/0277 LABORTEC).
- Determination of water permeability UNI-8202-23 (R/032/0196 LABORTEC).

### SAFETY STANDARDS

- **icopas** is a flammable product and harmful if inhaled, because of the presence of solvents in the mixture.
- Do not apply in closed or scarcely ventilated rooms.
- Follow the safety instructions written on the package.
- The safety data sheet of the product can be requested to Program srl.

### PACKAGE

- Metal containers Kg. 1 – 4 – 10 – 18.



**SINCERT**

ISO 9001  
**BUREAU VERITAS**  
 Certification  
 N° 206859



*www.icobit.com*

All data refer to the standards in force at the time of issue. Program 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.