

# PRIMER TAK

**QUICK-DRYING PURE SOLVENT-BASED ELASTOMERIC BITUMINOUS PRIMER FOR LAYING SELF-ADHESIVE AND THERMO-ADHESIVE MEMBRANES**



## 1. PRODUCT DESCRIPTION

Quick-drying solvent-based bituminous elastomeric primer, particularly suitable for preparing surfaces before cold laying of **self-adhesive** and **thermo-adhesive** bitumen-polymer membranes; this is because the dried product has better elasticity and adhesion to the cement support than common bituminous primers. Thanks to its formulation, in addition to having excellent penetrating, adhering and consolidating power, it has better adhesion on slightly damp surfaces (maximum 3%).

## 2. DESTINATION OF USE

**PRIMER TAK** is an excellent adhesion promoter for installing self-adhesive and thermo-adhesive bitumen-polymer membranes from our **AUTOTAK**, **THERMOTAK** and **STRIP** ranges.

It is also used as a primer coat in road renovations in unfavorable climatic conditions such as, for example, at low temperatures or in the presence of humidity, before cold laying the polymer-bitumen membranes of the **PRO ROAD** range.

**PRIMER TAK** blocks dustiness and porosity on flat and inclined concrete surfaces.

It is also used in the preparation of metal surfaces, old bituminous coverings and wooden surfaces and for waterproofing concrete foundation walls and/or pipes.

## 3. CHEMICAL COMPOSITION

Bituminous primer consisting of bitumen, elastomeric resins, pure fast-drying solvents and special additives.

## 4. METHOD OF APPLICATION

**Primer TAK** is ready to use, it does not require dilution. It is important that the concrete surfaces to be painted are as dry as possible, free of oils and chalking dust. After mixing, the application must be done with a roller, brush or spray.

The drying time is influenced by the porosity of the concrete, the thickness of the film and the temperature of both the surface and the surrounding environment.

Generally, the film dries within about an hour of application. This time can reach up to 2-3 hours in the presence of high thicknesses of primer, cold temperatures or a poorly absorbent support. Any second coat must be applied when the first is perfectly dry.

Washing of the equipment can be done with the most common synthetic thinners or nitro.

## 5. CONSUMPTION

The consumption of **PRIMER TAK** varies from **150-300 g/m<sup>2</sup>** per coat, depending on the porosity of the support to be treated.

On metal supports the consumption is approximately **100-200 g/m<sup>2</sup>** per coat.

**6. PRODUCT FEATURES**

TECHNICAL SPECIFICATIONS		
Appearance		Liquid
Colour		Black
Density at 20°C in kg/l	UNI EN ISO 2811-1	0,95 ± 0,04 kg/l
Dry residue at 130°C	UNI EN ISO 3251	54 ± 3%
Viscosity Din4 at 20°C	UNI EN ISO 2431	20" - 25"
Flammability point in closed drums		< 23° C
Self-flammability		> 245° C
Shelf life in closed original drums		24 months
WORKABILITY CHARACTERISTICS		
Consumption in relation to support		about 150 - 300 g/m <sup>2</sup> per coat
Drying time out of powder *		30' - 60'
Drying time to the touch *		90' - 120'
Application temperature		0°C ÷ +35°C
Application		Manual or spray

\* The indicated times may be longer or shorter, depending on the variation of the surface temperature of the support and of the air.  
The values reported in the technical data sheets were carried out at a controlled temperature of 23±2°C and relative humidity at 50±5%

**7. WARNINGS AND RECOMMENDATIONS**

- **Do not use in closed environments.**
- If the application will be carried out on roofs of residential buildings and/or indoors, **PRIMER TAK** must be replaced with the water-based bituminous primer **PRIMER W**.
- Do not mix with water.
- Do not apply on very hot substrates.
- Do not apply on wet or too humid surfaces.
- Do not use to waterproof structures, tanks or containers, inside which food products or liquids such as drinking water may be stored.
- Clean the used tools with common synthetic thinners or nitro.
- Store the product in its original packaging, at a temperature not exceeding 30°C, away from heat sources and away from open flames, in dry and well-ventilated places.

**8. SAFETY STANDARDS**

See safety data sheet available on [www.copernit.it](http://www.copernit.it)

**9. PACKAGING**

5, 10 and 20 litre metal drums.

Technical Data Sheet revision status:

Sheet Code	Revision	Date of issue or change	Replaces and cancels the previous one	
			Code	Date of issue
QS75125L.001	001	28.02.09	QS75125L	16.02.05
	COP03	19.03.15	COP02	05.08.14
	COP04	14.02.22	COP03	19.03.15
	COP05	23.05.25	COP04	14.02.22

The suggestions and technical information provided represent the best knowledge of Copernit S.p.A. regarding the properties and uses of the product. Considering the different situations of use of the products and the intervention of factors not dependent from us (supports, operating conditions, non-compliance with the instructions, etc.), it is not possible to assume responsibility for the results obtained. Before using the product, whoever intends to use it must establish whether it is suitable for the intended use and, in any case, assume all responsibility that may derive from its use.