

PRIMER S

**QUICK-DRYING, TECHNICAL SOLVENT-BASED
BITUMINOUS PRIMER**



1. PRODUCT DESCRIPTION

Bituminous solution based on oxidised bitumen and technical solvents. The product is characterised by the rapid drying of the film, excellent penetration and adhesion to the substrate, and the absence of surface stickiness.

2. DESTINATION OF USE

PRIMER S is used as a primer coat to block dust and porosity on flat and sloping concrete surfaces, allowing polymer-bitumen membranes to be laid and applied quickly both in hot applications, with a torch, and in cold applications, with bituminous adhesives such as **COPERGLUE BASE**. It can also be applied to aged bituminous membranes or metal surfaces that have not been painted, galvanised or rusted.

It is used as a waterproofing paint in concrete foundation walls, as a fixative primer consolidating concrete, wood and metal surfaces, and for the protection and waterproofing of exposed and buried metal pipes and tanks.

3. CHEMICAL COMPOSITION

It is a bituminous primer consisting of oxidised bitumen and technical organic solvents.

4. METHOD OF APPLICATION

PRIMER S is ready to use and does not need to be diluted. It is important that the concrete surfaces to be painted are as dry as possible and free of oil and chalking dust. After mixing, the application should be done by roller, brush or spray. When applying polymer-bitumen membranes by torching, it is only recommended to use a primer if the concrete surfaces are perfectly dry, otherwise it is recommended to switch to a bituminous primer specifically for wet surfaces (**PRIMER TAK**).

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 surroundings. Generally, the film is dry within about one hour after application. This time can be up to 2-4 hours in the presence of high primer thicknesses, cold temperatures or a poorly absorbent substrate.

Two coats are recommended for application as a protective coating; the second should be applied when the first is dry.

5. CONSUMPTION

PRIMER S consumption varies from **150 - 300 g/m²** per coat, depending on the porosity of the substrate to be treated. On metal substrates, consumption is approximately **150 g/m²** per coat.



6. PRODUCT FEATURES

TECHNICAL SPECIFICATIONS		
Appearance		Liquid
Colour		Black
Density at 20°C in kg/l	UNI EN ISO 2811-1	0,93 ± 0,03 kg/l
Dry residue at 130°C	UNI EN ISO 3251	40 ± 2%
Viscosity Din4 at 20°C	UNI EN ISO 2431	11" - 15"
Flammability point in closed drums		< 23° C
Self-flammability		> 200° C
Shelf life in closed original drums		24 months
WORKABILITY CHARACTERISTICS		
Consumption in relation to support		about 150 - 300 g/m ² per coat
Drying time out of powder *		30' - 60'
Drying time to the touch *		100' - 140'
Application temperature		+5°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 S** 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 lightweight screeds.
- Do not apply on wet surfaces.
- In the case of slightly damp concrete surfaces, it is recommended to switch to a bituminous primer specifically for damp surfaces such as **PRIMER TAK**.
- 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 below +5°C, away from heat sources and open flames, in a dry and well-ventilated place.

8. SAFETY STANDARDS

See safety data sheet available on 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
QS75200L.001	001	28.02.09	QS75200L	19.12.03
	COP04	31.03.15	COP03	19.03.15
	COP05	10.02.22	COP04	31.03.15

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.