

Polyprimer

Bituminous primer made with blown bitumen and fast-drying hi-tech solvents



POLYPRIMER is a bituminous primer made with blown bitumen and fast-drying hi-tech solvents.

INTENDED USES

POLYPRIMER is used to promote adhesion, to stop dusting and saturate pores in concrete surfaces, allowing polymer bitumen membranes to be laid and applied quickly, both in torch-on applications and in cold applications using bituminous adhesives or self-adhesive membranes.

POLYPRIMER can also be applied to old polymer bitumen membranes or uncoated, ungalvanized and rust-free metal surfaces.

The product stands out for its fast-drying film, excellent penetration and adhesion to the substrate.

INSTALLATION TIPS

It is important for the concrete surfaces to be treated to be as dry as possible, and free from oil, dust and formwork release agents.

POLYPRIMER is ready to use once mixed.

The product can be applied by roller or brush.

When torching on polymer bitumen membranes, use of the primer is advised only where the concrete surfaces are perfectly dry, otherwise it is best to opt for a bituminous primer specifically designed for damp surfaces.

Drying time will depend on the porosity of the concrete, on the amount of product applied, and on the temperature of both the surface and the surrounding environment.

The product is intended to be applied on surfaces in open, well-ventilated spaces and using appropriate PPE as stated on the safety data sheets.

Following application, the film will usually take roughly 2-4 hours to dry.

It may take longer if temperatures are particularly harsh or the surface is not very absorbent, or a thicker coat of material is applied.

Before applying membranes, always make sure that the solvents have evaporated completely.

For use in populated areas, for application on roofs with people living or working underneath, and for refurbishments, it is advisable to use water-based primer IDROPRIMER.

Before applying **POLYPRIMER**, any parts that are loose, crumbling away or unsound must be removed, along with any paint, rust, dust or form oils; surfaces must be thoroughly cleaned, sound and dry.

POLYPRIMER is not recommended for application on lightweight concrete screeds.

For further details on application, please contact the Polyglass SpA Technical Support Department.

TECHNICAL CHARACTERISTICS

STANDARD	TECHNICAL CHARACTERISTICS	UNIT OF MEASURE	NOMINAL VALUES
-	APPEARANCE	-	Liquid
-	COLOUR	-	Black
EN ISO 2811-1	SPECIFIC GRAVITY AT 20 °C	kg/l	0,93 (±0,03)
EN ISO 3251	SOLIDS CONTENT AT 130 °C	%	38 - 42
-	FRASS BRITTLE POINT OF BLOWN BITUMEN	°C	-10
-	SOFTENING POINT (R&B) OF BITUMEN	°C	90 - 100
-	SOFTENING POINT (R&B) OF BITUMEN	dmm	10 - 20
-	MINIMUM APPLICATION TEMPERATURE	°C	+5
EN ISO 2431	VISCOSITY DIN 4 AT 20 °C	seconds	12 - 15
ASTM D3828-87	FLASH POINT (CLOSED CUP)	°C	< 23
-	AUTOFLAMMABILITY	°C	> 200
-	DRYING TIME AT 20 °C	hours	2 - 4
-	CONSUMPTION RATE DEPENDING ON SUBSTRATE	g/m ²	200 - 350
-	STABILITY IN ORIGINAL SEALED TINS	months	24

PACKAGING

5, 10 and 20 liters tins.

STORAGE

Shelf life of product in correctly sealed container, kept in a dry place, out of direct sunlight: 24 months.

EQUIPMENT CLEANING

Clean equipment with common solvents after use.

SAFETY RULES

POLYPRIMER is highly flammable. You are advised to keep it away from sources of ignition, do not smoke, take precautionary measures against static discharge and work in well-ventilated areas.

The product is harmful by inhalation, may cause lung damage if swallowed, is irritating to skin and may cause drowsiness and dizziness.

You are advised to wear gloves and safety eyewear during application and to observe usual chemical handling precautions.

In case of contact with eyes or skin, rinse immediately with plenty of water and seek medical advice.

In case of insufficient ventilation, you are advised to use a face mask fitted with filters.

Do not use around pregnant women.

POLYPRIMER is dangerous to the aquatic environment; you are advised not to release product to the environment.

For further, comprehensive information on how to use the product safely, you are advised to refer to the latest version of the Safety Data Sheet.

LEGAL RULES

The values given are approximate average data relating to the current product range and may be edited or updated by Polyglass SpA at any time without any prior notice. As the Customer or User, it is your responsibility to check that the technical data sheet you have is valid for the batch of product in question and, whatever the case, that you have the latest version issued.

Always refer to the latest up-to-date version of the Technical Data Sheet and relevant Declaration of Performance, both of which you can find on our site www.polyglass.com.

As the End User, it is your responsibility to check that the product is fit for its intended purpose.

PRODUCT FOR PROFESSIONAL USE



POLYGLASS SPA

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