

Purtop Primer Black

One-component solvent primer for improving adhesion of asphalt on surfaces waterproofed with products from the Purtop range



WHERE TO USE

Purtop Primer Black is a one-component, solvent-based low-viscosity anchoring primer used to promote adhesion, for surfaces waterproofed with hybrid polyurea **Purtop 400 M** membranes or with **Purtop 1000** pure polyurea membranes, before applying the keying coat for asphalt road surfaces.

TECHNICAL CHARACTERISTICS

Purtop Primer Black is a ready-to-use solvent primer which does not need to be diluted.

Advantages

- One-component, ready-to-use product, only requires mixing with a low-speed mixer when opened.
- Easy to apply.

APPLICATION PROCEDURE

Preparation of the substrate

The surface to be treated, waterproofed with **Purtop 400 M** and **Purtop 1000** membranes, must be free of all loose parts, dust, grease, oil and any other material which could compromise the adhesion of the product.

The **Purtop** membrane on which the primer is applied must be free of free-standing water and moisture on the surface.

Application of the product

Mix the product until it is completely blended and apply it on the clean, dry membrane with a roller or by airless spray. While the product is still fresh, broadcast the surface with **Quartz 1.2**.

Workability of the product is influenced by the surrounding temperature and the temperature of the substrate. The hardening process is slower and the workability times are longer at low temperatures, while at high temperatures the hardening and workability times are shorter. The product usually hardens in 2-4 hours at temperatures between +15°C and +25°C. Before laying road surfaces, it is necessary to spray on a hot modified bitumen keying coat (at least 1 kg/m²).

Cleaning

Tools used to mix and apply the product must be cleaned immediately with solvent naphtha. Once hardened, the product may only be removed using mechanical means.

CONSUMPTION

Approximately 0.2-0.3 kg/m².

RECOMMENDATIONS

- Do not dilute with water and/or solvent, do not apply on wet surfaces.
- Do not apply if it is about to rain.

PACKAGING

Purtop Primer Black is available in 20 kg drums.

STORAGE

Purtop Primer Black may be stored for up to 12 months in its original packaging in a covered, dry area at a temperature between +15°C and +25°C. Keep away from heat.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	liquid
Colour:	black
Density (g/cm ³):	approx. 1.08
Dry solids content (%):	approx. 80
Viscosity (mPa·s):	approx. 200
APPLICATION DATA	
Application temperature range (°C):	from +5°C to +35°C
Hardening time (hours):	2-4 (at a temperature between +15°C and +25°C)

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Purtop Primer Black is inflammable. It is recommended to keep it away from naked flames and sparks, to avoid smoking, to prevent the build-up of electrostatic energy and to work in well ventilated areas.

Purtop Primer Black is irritant for the skin, eyes and the respiratory system, it can cause sensitization if it comes in contact with the skin or if inhaled by those subjects sensitive to isocyanates. It may also cause irreversible damage for a prolonged use.

During use wear protective clothes, gloves, safety goggles, a safety mask to protect the respiratory tract and work only in well-ventilated areas. In case of contact with the eyes or skin was immediately with plenty of water and seek medical attention.

For further and complete information about the safe use of the product please refer to the latest version of the Safety Data Sheet.

RESTRICTED TO PROFESSIONAL USERS.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for

this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

LEGAL NOTICE

The contents of this Technical Data Sheet ("TDS") may be copied into another project-related document, but the resulting document shall not supplement or replace requirements per the TDS in force at the time of the MAPEI product installation.

The most up-to-date TDS can be downloaded from our website www.mapei.com.

ANY ALTERATION TO THE WORDING OR REQUIREMENTS CONTAINED OR DERIVED FROM THIS TDS EXCLUDES THE RESPONSIBILITY OF MAPEI.

All relevant references for the product are available upon request and from www.mapei.com



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