

EUNICOTE BBP

SOLVENT BASED BITUMENOUS WATERPROOFING COATING

DESCRIPTION

EUNICOTE BBP is a practical solution consisting of a solvent vehicle with highly ductile, cutback asphalt and is specifically designed for general-purpose applications. EUNICOTE BBP adheres to the standards set by ASTM D41 and BS 3416 Type II, ensuring reliability and quality. Manufactured to rigorous standards, this product is tailored to suit the demanding conditions prevalent in the Middle East.

USES

EUNICOTE BBP is recommended for various substrates such as concrete, metals, bricks, and similar materials. Its versatile nature allows for use in applications such as dampproof courses and internal protection of metal and concrete.

ADVANTAGES

- Provides effective waterproofing, weatherproofing, and corrosion resistance.
- Surfaces dry quickly, typically becoming touch dry within 30 - 45 minutes after application, depending on temperature and humidity conditions.
- Exhibits excellent chemical resistance, making it resistant to a wide range of organic and inorganic acids, alkaline solutions, sulphates, chlorides, and saltwater attacks.
- Functions as a bitumen primer for waterproofing membrane systems.

TYPICAL PROPERTIES

Appearance: Black liquid

Specific Gravity (@20°C): 0.9 ± 0.02

Bitumen Content: 50-55%

Flash Point: 46°C

Drying Time: 30 - 40 minutes depending on outside temperature & humidity.

Water Content: $\leq 0.5\%$

Penetration (@25°C) (ASTM D5): 20 dmm - 50 dmm

Saybolt Furol Viscosity (@25°C): 25 - 75 seconds

Distillation (Volume % of the Primer):

Up to 225°C: 35%

Up to 360°C: 65%

Solubility in Trichloroethylene (ASTM D2042): $\geq 99\%$

APPLICATION

Surface Preparation

All surfaces must be meticulously cleaned, devoid of dust, dirt, loose materials, grease, and oil to ensure optimal adhesion. For new metal surfaces, a thorough wipe with a suitable solvent like white spirit is recommended to eliminate any contaminants. In the case of existing metal surfaces where rust cannot be entirely removed, treatment with a rust inhibitive primer is advised to mitigate corrosion and enhance the adhesion of the coating. Concrete surfaces are required to be clean and dry, although EUNICOTE BBP exhibits the flexibility to be applied to slightly damp surfaces.

Application Instructions

EUNICOTE BBP coating can be applied using a brush or spray onto surfaces that have been thoroughly prepared. To achieve optimal results, a minimum of two coats is recommended. It is essential to allow the first coat to dry completely before applying the second coat to ensure uniform coverage. Tools should be cleaned with white spirit after use.

COVERAGE

For a single coat application, the coverage of EUNICOTE BBP is approximately 6 m²/L - 8 m²/L.

For a two coat application, the coverage of EUNICOTE BBP (M) is approximately 3 m²/L - 4.5 m²/L.

PACKAGING

EUNICOTE BBP is supplied in 18-Liter Pail and 200-liter Drum.

STORAGE

EUNICOTE BBP should be stored and maintained at temperatures between 8°C and 35°C.

The shelf life of EUNICOTE BBP is 12 months from the date of production.

HEALTH AND SAFETY

For more information, please check the Material Safety Data Sheet.

CONTACT

Al-Faiha for Engineering Products is the exclusive licensee manufacturer for ECA.

For more information, please contact us at techsupport@alfaihaengineering.com.

DISCLAIMER

ECA aims to ensure the accuracy of information and recommendations in the product literature. However, due to variations in materials, substrates, and site conditions, and without control over product application, storage, weather, and usage conditions, ECA cannot be held liable for any resulting issues.