

SEALCOAT - D41

Highly Penetrative Bituminous primer

DESCRIPTION

Sealcoat D41 is a solvent based cold applied, highly penetrative thin bituminous solution in black color.

USES

- For priming concrete, masonry, metal and asphalt surfaces.
- Suitable for use as priming coat before applying any bituminous coating, or modified bitumen membrane in roofing, dam proofing, and waterproofing below or above ground level.

SURFACE PREPARATION

Surface must be clean, free from dirt, dust, oil and grease. New concrete must be fully cured, and dried before priming.



STANDARD

SEALCOAT D41 complies with the requirements of JS 674-90 and ASTM D41- 05 Type I.

COVERAGE

It covers from 0.2 to 0.3 Kg/m² depending on application method, surface properties and condition of substrates.

DRY TIME

It dries to touch in 2-4 hours. But the time needed to complete dry is from 12 to 24 hours dependent on prevailing conditions.

Technical Data

PROPERTIES	RESULTS	TEST METHOD
Color	Black	-----
Viscosity@25 °C	25 – 125 sec	ASTM D88
Specific gravity @ 25 °C	Min 0.89	ASTM D1475
Solubility in trichloro ethylene	99.7%	ASTM D2042
Distillation volume @ 225 °C	37%	ASTM D402
Distillation volume @ 360 °C	42.5%	ASTM D402
Asphalt residue @ 225 °C	63%	ASTM D402
Asphalt residue @ 360 °C	57.5%	ASTM D402
Penetration @ 25 °C for Asphalt residue @ 360 °C	< 50 dmm	ASTM D5
Water Content %	<0.5	ASTM D95
Flash Point	45 °C	ASTM D94
Drying time through.	8 – 12 Hours	In house
Shelf life	2-years	In house

Coverage	
1 Kg	3.3 to 5 m ²
15 kg	50 to 75 m ²
180 Kg	600 to 900 m ²

APPLICATION TEMPERATURE

It can be applied at a temperature between 2 °C and 50 °C.

APPLICATION

The primer is applied on a single coat. It should be well scrubbed in by brush, ensuring only a thin coating is applied or applied thinly but evenly by spray.

The information given in this data sheets is the average of test of various samples conducted under lab conditions. *In accordance to ASTM and UEAtc Standards results are subjected to 5 to 20% tolerance.

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CONTAINERS

SEALCOAT D41 can be supplied in 15 kg pail and 180 Kg drum.

STORAGE

Store in tightly closed containers under cover and away from sources of heat and ignition.

- Keep the products packed in a dry place.
- Keep away from direct sunlight.
- Do not place the pallets on top of each other.



HEALTH, SAFETY AND ENVIRONMENT

- Use only with proper ventilation.
- Avoid contact skin and eyes by careful working.
- Do not use near open flame.
- It is advisable to use goggles and gloves.
- In case of eye contact immediately wash with cold water or consult the physician

All safety measures should be observed during application. Fire extinguishers should be available at site. Care should be taken with gas, and torch should not be rested on finished surface or on any materials that can be scratched by flame or hot torch. Gloves and goggles should be worn by all workers during application.

Read, understand and follow all Material Safety Data Sheets and product label information for this product prior to use.

TECHNICAL SUPPORT

International Insulation Company (IIC) - Bitugulf technical support team consists of expert engineers offers a comprehensive service support to specifiers, end users and contractors, and on- site technical assistance.

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Note: The technical data provided reflects typical properties based on laboratory tests and practical experience, subject to UEAtc tolerance levels. While we cannot guarantee performance under all conditions, further details are available upon request, with a standard variation of up to 20%.