

UNICHEM PRIMER D41

SOLVENT BASED BITUMINOUS CONCRETE/ROOF PRIMER

UCA-WP-05-0722

DESCRIPTION

UNICHEM PRIMER D41 is an asphaltic single component, low viscosity, bitumen rich primer suitable for uses in roofing, damp-proofing & water proofing.

It is designed as a surface dressing to masonry or concrete to improve the bond of bituminous material.

USES

- ❖ Suitable for use with asphalt in Waterproofing, Damp proofing & roofing.
- ❖ Can be used below or above ground level for application in concrete, masonry, metal & asphalt surfaces.
- ❖ Also used as a prime coat for bitumen membrane.

ADVANTAGES

- Improves the bond of bituminous materials
- Binder for dust particles
- Surface dressing/Water proofing to foundation, concrete walls & metal surfaces
- Easy to apply, fast drying
- Ideal primer for bituminous membrane

STANDARDS

UNICHEM PRIMER D41 conforms to the requirements of ASTM D41/D41M – Type I

TYPICAL PROPERTIES

| PROPERTY | TYPICAL DATA | TEST METHOD |
|---|--------------|-------------|
| VISCOSITY @25°C, SECONDS | 25 – 125 | ASTM D 88 |
| PACKAGING | 20 & 200 LTR | |
| COVERAGE* 3 TO 4 m ² /Ltr <small>*The exact coverage will depend upon the porosity, smoothness of surface, wastage and application method</small> | | |
| DISTILLATION, VOLUME% OF PRIMER | | |
| UPTO 225°C | >35 | ASTM D402 |
| UPTO 360 °C | <65 | |
| TEST ON RESIDUE FROM DISTILLATION | | |
| PENETRATION @25°C | 20 – 25 | ASTM D5 |
| SOLUBILITY IN TRICHLOROETHYLENE % | 99 (MINIMUM) | ASTM D2042 |

INSTRUCTIONS FOR USE

SURFACE PREPARATION

The surface must be clean & free of oil, grease or other foreign matters.

APPLICATION

UNICHEM PRIMER D41 should be stirred well before application. It can be applied by brush, roller or spray equipment. It should be allowed to dry naturally. If discolored patches are noticed, they can be recoated to achieve a uniform black finish.

Note: Discolored patches can appear if the coating comes in contact with water, contaminated tools/equipment before fully dry.

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CLEANING

UNICHEM PRIMER D41 can be removed from equipment & tools with any suitable solvent like gasoline or kerosene.

STORAGE & SHELF LIFE

UNICHEM PRIMER D41 should be protected from extremes of temperature. Store in dry & shaded area in original packaging. The container should be kept covered during working in order to prevent evaporation of solvent. Keep away from fires, contains solvent. Minimum 12 months if stored unopened in the original packaging

SAFETY PRECAUTIONS

Personnel should use & wear protective mask, gloves & goggles during application.

It contains volatile solvent & has a low flash point. Care must be taken to ensure that there is adequate ventilation. Fires & naked flames are kept away from storage & application area.

LIMITATION OF LIABILITY

This information is based on our current level of knowledge. It is given in a good faith but it is not intended to guarantee any particular properties. The users must satisfy themselves that there are no circumstances requiring additional information or precautions or the verification of details given herein.

P.O BOX 80071
BUILDING 1928
ROAD 5146, BLOCK 951
ASKAR, KINGDOM OF BAHRAIN

PHONE : +973 17830830
info@unichembahrain.com
www.unichembahrain.com
CR No. 51803