

## UNICHEM BITUCOAT FR

### FIBRE REINFORCED BITUMINOUS COATING

UCA-WP-06-0722

#### DESCRIPTION

UNICHEM BITUCOAT FR is an asphaltic single component, medium viscous, bitumen rich fiber reinforced coating suitable for uses in damp proofing, water proofing and It can also be applied on steel as an anti-corrosion protection.

It is designed as a surface dressing to masonry or concrete. block work below floor slab and other concrete in contact with the ground.

#### USES

- ❖ Coating for basements, bridges, foundation walls, floors slabs and other wet areas , Damp proof membrane in sandwich construction Protective coating for substructures.
- ❖ Can be used below or above ground level for application in concrete, masonry, metal & asphalt surfaces.

#### ADVANTAGES

- Improves the bond of bituminous materials
- Fiber reinforced bituminous coating display improved waterproofing effects
- Binder for dust particles
- Good tensile properties
- Surface dressing/Water proofing to foundation, concrete walls & metal surfaces

▪Easy to apply.

▪Excellent resistance to attack from aggressive salts present in underground water, chlorides and sulphate ions.

▪External basement walls.

#### TYPICAL PROPERTIES

PROPERTY	RESULT
<b>PHYSICAL APPEARANCE</b>	Dark Black Medium Viscous Liquid
<b>DENSITY (g/cc) ASTM D3475</b>	1.00 TO 1.20
<b>SOLID CONTENT (% BY VOLUME)</b>	78 ± 2%
<b>SURFACE DRY TIME (hrs)</b>	Within 8 hours* Depending on climate and coat thickness (BS 3416)
<b>FULL CURE</b>	Within 3 days* Depending on climate and coat thickness (BS 3416)
<b>BEND TEST</b>	Pass. No Cracking
<b>APPLICATION TEMPERATURE</b>	5 TO 55 °C
<b>PACKAGING</b>	20 & 200 LTR
<b>COVERAGE</b>	Theoretical coverage rates* are as below: <ul style="list-style-type: none"> <li>• 250 microns DFT      3 m<sup>2</sup>/lit</li> <li>• 500 microns DFT     1.5 m<sup>2</sup>/lit</li> <li>• 750 microns            1.0 m<sup>2</sup>/lit</li> </ul>
*The exact coverage will depend upon the porosity or smoothness of surface and application method	

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### STANDARDS

UNICHEM BITUCOAT FR meets the performance requirements of BS 3416 Type 2, Class C.

### INSTRUCTIONS FOR USE

#### SURFACE PREPARATION

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

#### APPLICATION

UNICHEM BITUCOAT FR 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 an uniform black finish.

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

### CLEANING

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

### STORAGE & SHELF LIFE

UNICHEM BITUCOAT FR 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.

UNICHEM BITUCOAT FR has a shelf life of 12 months if kept in a dry store in the original, unopened packaging. Store away from fires.

### SAFETY PRECAUTIONS

Personal 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.

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