



**TECHNICAL DATA SHEET**

**AMBER RUBBERISED BITUMEN EMULSION**

<b>PRODUCT DESCRIPTION</b>	Amber Rubberised Bitumen Emulsion is a physically drying emulsified bituminous coating, consisting of a selected grade of top quality rubberized bitumen dispersed in an aqueous phase, with chemical surfactants and stabilizers. It provides excellent resistance to the aggressive action of chlorides, sulphates and other moisture borne contaminants on substrates. It has excellent wetting and adhesion properties on various substrates.
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<b>RECOMMENDED USES</b>	It is mostly used as a protective coating on concrete and steel. It is also used as a curing membrane for concrete slabs. It can also be used in the masonry works. It is suitable for the surfaces like concrete, plaster, hollow blocks, brickwork, asbestos etc. It is applied on exterior walls to prevent capillary action of moisture and salt into the concrete surface from the soil. Amber Rubberised Bitumen Emulsion does not require any special surface pretreatment.
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**TECHNICAL DATA**

<b>COLOUR, DRY FILM</b>	Black
<b>FINISH, DRY FILM</b>	Smooth / Opaque / Semigloss
<b>VOLUME SOLIDS (ASTM D2697)</b>	55 ± 2%
<b>SPECIFIC GRAVITY</b>	1.00 ± 0.03
<b>THEORETICAL SPREADING</b>	7.3 – 5.5 M <sup>2</sup> /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	75 – 100 Microns/Coat (Depends on surface)
<b>RECOMMENDED WFT (WET FILM)</b>	135 – 180 Microns/Coat
<b>FLASH POINT</b>	Water Base

**DRYING TIME**

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time).	
<b>TOUCH DRY</b>	5 – 6 hours
<b>DRY TO RECOAT</b>	24 hours



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### ADVANTAGES

<b>AMBER RUBBERISED BITUMEN EMULSION</b>	Physical drying, excellent resistant to moisture and salts, excellent wetting and adhesion, does not require any special surface pretreatment, easy to recoat.
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### APPLICATION INSTRUCTION

<b>SURFACE PREPARATION</b>	Ensure that surfaces are free from dust, oil, grease, rust etc. Metal surfaces can be sand blasted and shop-primer before application. For very absorbent concrete surfaces, water diluted material can be applied as primer / sealer coat.
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### APPLICATION DATA

<b>APPLICATION METHOD</b>	Brush, Roller, Spray etc.
<b>THINNING</b>	Water
<b>THINNER (VOLUME)</b>	5 – 15%, depending on method of application
<b>CLEANING</b>	Water / GP Thinner
<b>AIRLESS SPRAY REQUIREMENTS</b>	Pressure: 1800 – 2000 psi
<b>NOZZLE SIZE</b>	0.017” – 0.020”

### SYSTEM

<b>RECOMMENDED SYSTEM</b> To be applied on prepared surface.	Apply on clean surface:	
	Amber Rubberised Bitumen Emulsion (as primer)	1 coat
	Amber Rubberised Bitumen Emulsion	2 coats



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### ADDITIONAL DATA

<b>SHELF LIFE @ 30°C</b>	18 months, in original sealed container, with proper storage conditions.
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### HEALTH & SAFETY

<b>SAFETY PRECAUTIONS</b>	Generally, most of the water base paints are quite safe to handle with due precautions. As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and mask etc. Spillage on skin should immediately be removed by thorough washing with water and soap or suitable cleaner. Eye should be flushed with fresh water. Avoid inhalation of vapours and paint mist by wearing suitable mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. Local safety regulations to be followed.
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### STORAGE & HANDLING

<b>STORAGE</b>	Store the paint in proper storage conditions as per the local regulations. Keep the paint container in sealed condition under shed, away from direct sunlight and extreme temperatures. Do not stock paint material near to any ignition sources. Do not put back the half or unused material back in original container, containing the supplied paint, to avoid contamination. Handle with care. Stir well before use.
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