



**TECHNICAL DATA SHEET**

**AMBER BITUMEN (SOLVENT BASE)**

<b>PRODUCT DESCRIPTION</b>	Amber Bitumen (Solvent base) is a physically drying bituminous coating, consisting of a selected grade of top quality bitumen. 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 protective membrane for concrete slabs. It is suitable for the surfaces like concrete, plaster, hollow blocks, brickwork, asbestos etc. It is applied on boundary walls to prevent capillary action of moisture and salt into the concrete surface from the bottom soil. Amber Bitumen Paint does not require any special surface preparation.
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**TECHNICAL DATA**

<b>COLOUR, DRY FILM</b>	Black
<b>FINISH, DRY FILM</b>	Opaque, Semi gloss
<b>VOLUME SOLIDS (ASTM D2697)</b>	58 ± 2%
<b>SPECIFIC GRAVITY</b>	0.89 ± 0.05
<b>THEORETICAL SPREADING</b>	14.5 – 11.5 M2 /LTR
<b>RECOMMENDED DFT (DRY FILM)</b>	40 – 50 Microns/Coat (Depends on surface)
<b>RECOMMENDED WFT (WET FILM)</b>	70 – 85 Microns/Coat
<b>FLASH POINT</b>	35°C

**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>	6 – 8 hours
<b>DRY TO RECOAT</b>	16 hours



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### ADVANTAGES

<b>AMBER BITUMEN (SOLVENT BASE)</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-primed before application. For every absorbent concrete surfaces partly diluted material with Amber G.P. Thinner can be applied as primer/sealer coat.
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### APPLICATION DATA

<b>APPLICATION METHOD</b>	Brush, Roller, Spray etc.
<b>THINNING</b>	Amber G.P. Thinner
<b>THINNER (VOLUME)</b>	5 – 10% depends on the method of application
<b>CLEANING</b>	Amber G.P. 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. Surface should be clean and free from oil, grease, loose particles,	Apply on clean surface,	
	Amber Bitumen (Solvent Base)	2 x 50 microns.

### 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>	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. This product contains flammable materials and should be kept away from the sparks and open flames, smoking in the area should not be permitted. Local safety regulations should 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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