



**NATIONAL BITUMEN (SOLVENT BASE)
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONAL BITUMEN (SOLVENT BASE)

PRODUCT DESCRIPTION	National 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.
RECOMMENDED USES	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. National Bitumen Paint does not require any special surface preparation.

TECHNICAL DATA

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

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	6 – 8 hours
*DRY TO RECOAT	16 hours

* With same generic type paint

ADVANTAGES

NATIONAL BITUMEN (SOLVENT BASE)	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

SURFACE PREPARATION	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 National G.P. Thinner can be applied as primer/sealer coat.
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APPLICATION DATA

APPLICATION METHOD	Brush, Roller, Spray etc.
THINNING	National G.P. Thinner
THINNER (VOLUME)	5 – 10% depends on the method of application
CLEANING	G.P. Thinner
AIRLESS SPRAY REQUIREMENTS	Pressure: 1800 – 2000 psi
NOZZLE SIZE	0.017” – 0.020”

SYSTEM

Surface should be clean and free from oil, grease, loose particles,	Apply on clean surface, - National Bitumen (Solvent Base) : 2 x 50 microns.
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ADDITIONAL DATA

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

SAFETY 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. 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

STORAGE	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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NOTE: We warranty only the quality of our product and this data sheet is based on results obtained from experience and tests. We reserve the right to change data without prior notice. For surface preparation, safety details refer specifier and safety data.

This data sheet supersedes all previous issued.
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