



**NATIONAL RUBBERISED BITUMEN EMULSION
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONAL RUBBERISED BITUMEN EMULSION

PRODUCT DESCRIPTION	National 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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RECOMMENDED USES	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. National Rubberised Bitumen Emulsion does not require any special surface pretreatment.
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TECHNICAL DATA

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

DRYING TIME

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

ADVANTAGES

NATIONAL RUBBERISED BITUMEN EMULSION	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-primer before application. For very absorbent concrete surfaces, water diluted material can be applied as primer / sealer coat.
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APPLICATION DATA

APPLICATION METHOD	Brush, Roller, Spray etc.
THINNING	Water
THINNER (VOLUME)	10 – 15% water depends on the method of application
CLEANING	Water / GP Thinner
AIRLESS SPRAY REQUIREMENTS	Pressure: 1800 – 2000 psi
NOZZLE SIZE	0.017” – 0.020”

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface. Surface should be clean and free from oil, grease, loose particles.	Apply on clean surface:
	National Rubberised Bitumen Emulsion (as primer): 1 coat
	National Rubberised Bitumen Emulsion : 2 coats

ADDITIONAL DATA

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

SAFETY PRECAUTIONS	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

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 keep 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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