



NATIONAL BLACK BOARD PAINT
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL BLACK BOARD PAINT

PRODUCT DESCRIPTION	National Black Board Paint is an alkyd based dead matt paint, specially developed for the applications on black boards and sketch board surfaces. It has excellent abrasion and mar resistances. It provides a smooth dead matt finish with excellent washability and adhesion. The surface, on which black board black paint has been applied, offers excellent writing property with chalks and easily be cleaned, without retaining any chalk marks on the surface.
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RECOMMENDED USES	It is mostly used for the application of black boards in schools, colleges etc. to write with chalk. It can also be used for the applications of drawing boards, graphic boards, notice boards etc. It is suitable for the applications on surfaces like wood, metal, concrete, etc. with suitable primer. It is used for only air-drying applications.
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TECHNICAL DATA

COLOUR, DRY FILM	Black
FINISH, DRY FILM	Dead matt - Smooth
VOLUME SOLIDS (ASTM D2697)	62 ± 2%
SPECIFIC GRAVITY	1.55 ± 0.05
THEORETICAL SPREADING	20.5 – 15.5 M ² /LTR
RECOMMENDED DFT (DRY FILM)	30 – 40 Microns/Coat
RECOMMENDED WFT (WET FILM)	50 – 65 Microns/Coat
FLASH POINT	38°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	1 – 1 ½ hours
DRY TO RECOAT	8 – 10 hours
HARD DRY	24 hours

ADVANTAGES

NATIONAL BLACK BOARD PAINT	Excellent abrasion and mar resistance, smooth dead matt finish, highly washable and easy for cleaning, suitable for black boards application, excellent leveling and opacity etc.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	Before application, the surface should be sound, clean and free from oil, grease, loose particles, dust, etc. Application can be done by the recommended application methods.
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APPLICATION DATA

APPLICATION METHOD	Brush, Roller, Spray etc.
CLEANING/THINNING	National GP Thinner
THINNER (VOLUME)	5 – 15% depends on the method of application
CONV. SPRAY REQUIREMENTS	Possible
AIRLESS SPRAY REQUIREMENTS	Pressure : 2000 – 2500 psi
NOZZLE SIZE	0.018” – 0.021”
MIXING RATIO (BY VOLUME)	NA
POT LIFE @ 30°c (100 ml)	NA

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National Synthetic Undercoat (Black)	: 1 coat
	National Black Board Paint	: 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	<p>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.</p> <p>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.</p>
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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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