



**NATIONAL ACOUSTIC COATING
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONAL ACOUSTIC COATING

PRODUCT DESCRIPTION	National Acoustic Coating is a one-component, water-borne, flexible, sprayable coating and environmental friendly coating that bond directly to a wide range of surfaces. It reduces excessive sound from structural or mechanical noise. It is compromised of noise suppressants encase in latex. Low VOC product. It contains antifungal and antibacterial additives.
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RECOMMENDED USES	Specially design for concrete, masonry, wooden and metal surface. It is recommended for theaters, auditorium, conference rooms, schools and shopping malls, etc.
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TECHNICAL DATA

COLOUR, DRY FILM	White, Grey & Limited colours on request.
FINISH, DRY FILM	Smooth/Matt
VOLUME SOLIDS (ASTM D2697)	60 ± 2%
SPECIFIC GRAVITY	1.35 ± 0.05
THEORETICAL SPREADING	3 – 2.4 M ² /LTR
RECOMMEDED DFT (DRY FILM THICKNESS)	200 – 250 Microns/Coat
RECOMMENDED WFT (WET FILM THICKNESS)	335 – 415 Microns/Coat
FLASH POINT	Water Base
ABRASION RESISTANCE	Very good

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
TOUCH DRY	1 hour
DRY TO RECOAT / OVERCOAT	12 hours
FULL DRY	24 hours

ADVANTAGES

NATIONAL ACOUSTIC COATING	Very good noise suppressor, smooth flat decorative finishes. It has excellent recoat ability, adhesion and hiding power. All ingredients are considered safe and environmental friendly.
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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	Airless spray or trowel
CLEANING/THINNING	Water
THINNER (VOLUME)	5 – 15% depending on method of application

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface	For cementitious surfaces, walls, wood:	
	National Acrylic Primer (W.B.)	: 1 coat
	(OR)	
	National PVA Primer Sealer for Masonry	: 1 coat
	(OR)	
	National PVA Primer White for Masonry	: 1 coat
	National Acoustic Coating	: 3 – 4 coats

ADDITIONAL DATA

SHELF LIFE @ 30°C	6 months, in original sealed container, with proper storage conditions.
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HEALTH & SAFETY

SAFETY PRECAUTIONS	Generally, most of the water based 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 test. 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.
Issued: 0718