



NATIONAL BLOCK FILLER
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL BLOCK FILLER

PRODUCT DESCRIPTION	National Block Filler is a vinyl-acrylic copolymer emulsion based putty, with inert graded filler, developed for filling and leveling the porosity and surface imperfections. It is general-purpose filler for interior/exterior surfaces and is not recommended for sanding. It provides a leveled surface with excellent adhesion and low volume shrinkage. It will help to reduce topcoat consumptions of the system considerably, on porous surfaces. It contains anti fungal and anti bacterial additives.
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RECOMMENDED USES	National Block Filler can be used as a body filler for interior/exterior surface like hollow concrete blocks, plaster, brickwork etc. It is recommended for leveling and filling the surface imperfections and porosity, so as to get a smooth and leveled surface for subsequent coating system. At normal condition, there is no need of further primer coat over National Block Filler, prior to topcoat. It is always recommended to apply suitable topcoat on block filler.
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TECHNICAL DATA

APPEARANCE	Non-flowing white paste
COLOUR, DRY FILM	Off white
FINISH, DRY FILM	Medium fine / Matt
VOLUME SOLIDS (ASTM D2697)	70 ± 2%
SPECIFIC GRAVITY	1.55 ± 0.05
THEORETICAL SPREADING	2.8 – 1.4 M ² /LTR
RECOMMENDED DFT (DRY FILM)	250 – 500 Microns/Coat
RECOMMENDED WFT (WET FILM)	355 – 715 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	1 – 2 hours
DRY TO RECOAT	3 – 4 hours
FULL DRY	24 hours



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ADVANTAGES

NATIONAL BLOCK FILLER	Excellent body filling, hides and levels surface imperfections and porosity, provides maximum performance to topcoats, comparatively less volume shrinkage, easy to apply, excellent adhesion.
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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	Scrapper, Putty knife, Trowel etc.
CLEANING/THINNING	Water
THINNER (VOLUME)	Ready for use
CONV. SPRAY REQUIREMENTS	NA
AIRLESS SPRAY REQUIREMENTS	NA
NOZZLE SIZE	NA
MIXING RATIO (BY VOLUME)	NA
POT LIFE @ 30°C (100 ml)	NA

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface.	National PVA Primer Sealer for Masonry	: 1 coat
	(OR)	
	National PVA Primer White for Masonry	: 1 coat
	(OR)	
	National Acrylic Primer (W.B.)	: 1 coat
	National Block Filler	: 2 coats
National recommended system		

NATIONAL/INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	USEPA – 24	Local Regulatory Requirements



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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	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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