



**NATIONAL SHIELD EXTERIOR FILLER (S.B.)
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONAL SHIELD EXTERIOR FILLER (S.B.)

PRODUCT DESCRIPTION	National Shield Exterior Filler (S.B.) is a single component high quality Acrylic solvent based homogeneous exterior putty with specially graded fillers and additives for filling the porosity and to level the surface imperfections like minor cracks or blowholes on concrete hollow blocks, cements plaster etc. It prepares a uniform smooth leveled surface suitable for the application of subsequent exterior coating applications. It is a fast drying putty filler with excellent sandability for exterior surfaces. It has excellent intercoat adhesion and is very easy to apply.
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RECOMMENDED USES	National Shield Exterior Filler (S.B.) is recommended as a body filler for leveling and to smoothen the surface, prior to over coating with suitable paint system. It is suitable for the application on exterior concrete cement plaster, hollow blocks etc. It is always recommended to apply a suitable topcoat over exterior filler. It can also be used on surface having minor cracks or blow holes for hiding the surface imperfections.
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TECHNICAL DATA

COLOUR, DRY FILM	Off white and Grey
FINISH, DRY FILM	Smooth / Matt
VOLUME SOLIDS (ASTM D2697)	66 ± 2%
SPECIFIC GRAVITY	1.60 ± 0.05
THEORETICAL SPREADING	3 – 4 M ² /LTR, depending on the dry film thickness of the film applied. This is an approximated value and correct consumption can be confirmed at site by actual trial application.
FLASH POINT	30°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 – 2 hours
DRY TO RECOAT/OVERCOAT	4 – 6 hours
HARD DRY	24 hours



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ADVANTAGES

NATIONAL SHIELD EXTERIOR FILLER (S.B.)	Fast drying with excellent sandability, excellent intercoat adhesion, excellent body filling, hides surface imperfections, easy to apply, helps maximum to promote the exterior durability of subsequent topcoat paint system.
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APPLICATION INSTRUCTION

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

APPLICATION METHOD	Spatula, trowel, scraper etc.
CLEANING/THINNING	National Acrylic Thinner
MIXING RATIO (BY VOLUME)	Not applicable
POT LIFE @ 30°C (100 ml)	Not applicable

SYSTEM

RECOMMENDED SYSTEM	National Penetrating Siloxane Primer	: 1 coat
	OR	
	National Acrylic Primer (W.B.)	: 1 coat
	National Shield Exterior Filler (S.B.)	: 1 – 2 coats
	National Recommended Suitable System	

ADDITIONAL DATA

SHELF LIFE @ 30°C	12 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 air 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 air mask. In the event of ingestion and eye contact, seek medical attention immediately. Painting must be carried out in well-ventilated area. This as industrial product contains flammable materials and should be kept away from ignition sources. Local safety regulations should be followed.
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STORAGE & HANDLING

STORAGE	Store the paint in proper ventilated area and 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 the 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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