



NATIONAL GUARD EPOXY FILLER S.F.
DECORATIVE COATINGS

TECHNICAL DATA SHEET

NATIONAL GUARD EPOXY FILLER S.F.

PRODUCT DESCRIPTION	A two pack epoxy filler to level and fill cracks before over coating with epoxy / polyurethane systems. It can be used on interior and exterior surfaces. It has very hard and has very good adhesion to the surface. It smoothly covers the surface imperfections and dents, provides smooth finish.
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RECOMMENDED USES	As a filler use on concrete, block work, plaster, steel, wood, etc. when a hard filling is required to level the surface and fill the cracks before over coating. It can be used for interior/exterior applications. It can also be used for filling or leveling the floors before applying floorings.
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TECHNICAL DATA

COLOUR, DRY FILM	White, Grey (Limited colours)
FINISH, DRY FILM	Smooth / Matt
VOLUME SOLIDS (ASTM D2697)	99 ± 1%
SPECIFIC GRAVITY	1.70 ± 0.05 (mixed)
THEORETICAL SPREADING	1.00 – 0.50 M ² /LTR ; 0.60 – 0.30 M ² /kgs.
RECOMMENDED DFT (DRY FILM)	1000 – 2000 Microns/Coat
RECOMMENDED WFT (WET FILM)	1000 – 2000 Microns/Coat
FLASH POINT	>100°C

DRYING TIME

Drying time @ 30°C (Temperature, humidity, air movement, film thickness and number of coats all affect the drying time.)	
*DRY TO RECOAT / OVERCOAT	20 hours (minimum) – 48 hours (maximum)
FULLY CURED	7 days

* With same generic type paint.

ADVANTAGES

NATIONAL GUARD EPOXY FILLER (S.F.)	Two pack epoxy filler, easy to apply, good filling properties, good hardness and chemical resistance, excellent abrasion resistance after curing.
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APPLICATION INSTRUCTION

SURFACE PREPARATION	All type of substrate should be primed first. Sand primers slightly with coarse grade of sand paper. Ensure surface is dry and free from contaminants prior to application of National Guard Epoxy Filler S.F.
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APPLICATION DATA

APPLICATION METHOD	Trowel and Putty Knife
CLEANING/THINNING	National Epoxy Thinner
THINNER (VOLUME)	Ready to use
CONV. SPRAY REQUIREMENTS	Not Recommended
MIXING RATIO (BY WEIGHT)	Base : Hardener 2 : 1 (Mix properly, keep for 15 – 20 minutes before use)
POT LIFE @ 30°C (100 ml)	1 hour

SYSTEM

RECOMMENDED SYSTEM To be applied on prepared surface. Application temperature and surface temperature between 8°C - 35°C moisture less than 5% mix, required material at a time and apply.	National Guard Epoxy Filler (S.F.) : 1 – 2 coats
	The thickness and number of coats will depend on the surface. Preparation requirements.

NATIONAL/INTERNATIONAL TEST CERTIFICATES

Sr. No.	Test Description	Test Reference	Compliance
1	VOC	ISO 11890 – 2	Local Regulatory Requirements

ADDITIONAL DATA

SHELF LIFE @ 30°C	18 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 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. Smoking in the area should not be permitted. Local safety regulations should 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 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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