**NATIONAL GUARD EPOXY FILLER (S.F.)**

**PRODUCT DESCRIPTION**
A two pack epoxy filler to level and fill cracks before overcoating with epoxy / polyurethane systems. It can be used on interior and exterior surfaces. It is very hard and has very good adhesion to the surface. It smoothly covers the surface imperfections and dents, provides smooth finish.

**RECOMMENDED USES**
As a filler for 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.

**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 (of mix)

**THEORETICAL SPREADING RANGE**
1.00 – 0.50 M²/LTR; 0.60 – 0.30 M²/kgs

**RECOMMENDED DFT RANGE (DRY FILM THICKNESS)**
1000 – 2000 Microns/coat

**RECOMMENDED WFT RANGE (WET FILM THICKNESS)**
1000 – 2000 Microns/coat

**FLASH POINT**
> 100ºC

**DRIETING TIME**
Drying time @ 30ºC (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 property, good hardness and chemical resistance, excellent abrasion resistance after full curing of the film.
APPLICATION INSTRUCTION

SURFACE PREPARATION
All type of substrates 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.

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 @ 30ºc (100 ml)
1 hour (reduced at high temperature)
Note: Material may gel at elevated temperature.

SYSTEM

RECOMMENDED SYSTEM
National Guard Epoxy Filler (S.F.) : 1 – 2 coats
The thickness and number of coats will depend on the surface

ADDITIONAL DATA

SHELF LIFE @ 30ºC
18 months, in original sealed container, with proper storage conditions.

HEALTH & SAFETY

SAFETY PRECAUTIONS
As a general rule, avoid skin and eye contact by wearing overalls, gloves, goggles, and airmask 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 airmask. 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.
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.

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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