



**NATIONAL CRACK FILLER
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

NATIONAL CRACK FILLER

PRODUCT DESCRIPTION	National Crack Filler is a single component water dilutable, elastomeric and flexible acrylic emulsion based filler for cracks and joints on concrete, plaster etc. for interior/exterior surfaces. It can absorb possible shocks of the contraction and expansion of the substrate surfaces. It has excellent adhesion and elongation property. It is a ready for use type, non-flowing thick paste. It contains anti fungal and anti bacterial additives.
----------------------------	---

RECOMMENDED USES	National Crack Filler is suitable for filling the surface cracks on cementitious surfaces, wall, concrete etc. for an instant application purpose. It can be used for leveling surface cracks completely, up to 0.3 – 0.4 mm voids per coat. If the cracks voids are more, use additional coats to level the surface uniformly. Make sure the cracks are only on surface level and not in depth.
-------------------------	--

TECHNICAL DATA

APPEARANCE	Non-flowing, semi transparent paste
COLOUR, DRY FILM	Off white
FINISH, DRY FILM	Matt
VOLUME SOLIDS (ASTM D2697)	62 ± 2%
SPECIFIC GRAVITY	1.45 ± 0.05
THEORETICAL SPREADING	Depends on the crack cavity
RECOMMENDED DFT (DRY FILM)	Depends on the crack cavity
RECOMMENDED WFT (WET FILM)	Depends on the crack cavity
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.)	
DRY TO OVER COAT	Minimum 48 hours

ADVANTAGES

NATIONAL CRACK FILLER	Highly flexible, elastomeric and water dilutable acrylic emulsion binder, excellent adhesion and resists to thermal expansion or contraction of surface, ready for use as instant application purpose.
------------------------------	--



**NATIONAL CRACK FILLER
DECORATIVE COATINGS**

TECHNICAL DATA SHEET

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.
----------------------------	---

APPLICATION DATA

APPLICATION METHOD	Scraper, Knife, Blade 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.	Remove loose particles and dust from the cracks voids. Apply crack filler with a scrapper or knife parallel to the cracks so as to level the voids completely. If the voids thickness is more apply further coat similarly.
---	---

ADDITIONAL DATA

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

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.
---------------------------	--



NATIONAL CRACK FILLER
DECORATIVE COATINGS

TECHNICAL DATA SHEET

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.
----------------	---

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.
Issued: 0718