

# TechFin<sup>®</sup> Crack Seal N Fill

Highly Flexible Acrylic Crack Sealing & Filling Compound.

## Description:

**TechFin<sup>®</sup> Crack Seal N Fill-** is a highly flexible, white weather durable acrylic emulsion polymer based paste specially design and develop for effectively sealing and filling nagging moving plaster cracks whether internal or external. It sets quickly on application and will accept paint or wallpaper finishes.

**TechFin<sup>®</sup> Crack Seal N Fill** is supplied in a single pack ready to use at site, it has excellent bonding, ease of application, water resistance, aesthetic appearance & durability.

## Application Includes:

- **TechFin<sup>®</sup> Crack Seal N Fill-**Paste is ideally suited for repairing cracks in plasters whether internal or external.
- **TechFin<sup>®</sup> Crack Seal N Fill--**Paste is useful in sealing cracks in the ceilings and at the junctions of brickwork, columns or beams.
- **TechFin<sup>®</sup> Crack Seal N Fill--**Paste is highly useful in waterproofing applications around door and window frames and around bath tub, wash basin etc.

## Features & Benefits:

- **Consistency-** Paste form, without sagging.
- **Ease of application-** Easy to apply by putty knife similar to conventional putties.
- **Flexibility-** Flexible, therefore does not crack & accommodates minor movements in cracks.
- **VOC -** Water based with very low voc hence eco-friendly.
- **Application advantage-** Can be applied on damp surfaces but not on cracks with running water.
- **Paint ability-** Over coatable by any type of polymer based paints, after 24 hours.
- **Staining-** Non-staining. £ Bonding - Excellent adhesion with cementitious surface.
- **Durability-** Excellent resistance to UV & atmospheric conditions.
- **Tinting ability-** It can be tinted using water-based stainers.
- **Toxicity-** Non toxic & harmless to hands.

## Application Instructions:

### Surface Preparation

Surface must be free from dust, oil, grease, and loose particles etc. Moisten the surface before applying **TechFin<sup>®</sup> Crack Seal N Fill** Paste. Fine hair line cracks must be widened up to 1 mm minimum by using scrapper and then filled. For filling **TechFin<sup>®</sup> Crack Seal N Fill** Paste on the internal surface, existing POP or painter's putty must be removed till plaster surface is exposed. For porous surfaces, apply primer coat prepared with **TechFin<sup>®</sup> Crack Seal N Fill** Paste and water in 1:1 proportion over the crack. Fill **TechFin<sup>®</sup> Crack Seal N Fill** Paste when the surface is tacky and not dried completely.

### Application:

- **TechFin<sup>®</sup> Crack Seal N Fill Paste** firmly into the crack with a spatula or putty knives and level with the surface.
- Care must be taken to avoid formation of cavities or bubbles during application.
- Allow it set for 24 hours and then apply another coat of **TechFin<sup>®</sup> Crack Seal N Fill Paste**.
- Further POP or painter's putty application can be taken up once it is fully dry.

## Curing

For best results allow TechFin<sup>®</sup> Crack Seal N Fill Paste to cure for 7 days.

## Typical Properties at 25°C

|                         |                      |
|-------------------------|----------------------|
| Appearance              | Smooth & thick paste |
| Colour                  | Milky white          |
| Working life            | 40 – 45 min          |
| Setting Time            | 2 – 3 hr             |
| Bulk Density            | 1.40 ± 0.05Kg/ litre |
| Tack free time, Minutes | 30 – 40              |
| Water resistance        | Excellent            |
| Service temp range, °C  | -15 to + 80          |

## Precautions/Limitations:

- Should not be used for cracks more than 5 mm thick.
- Not for application in cracks in structural members, expansion joints & separation gaps.
- Not for cracks in POP or painter's putty.
- For application below 10°C, drying time will be delayed.
- Container to be tightly closed after application.

## Packaging:

**TechFin® Crack Seal N Fill Paste** is available in 1 kg, 5 kg and 15 kg Pack.

## Cleaning:

Clean tools & equipments and hands with soap and warm water, immediately after use.

## Storage & Shelf Life:

**TechFin® Crack Seal N Fill Paste** has a shelf life of 24 months if stored in Manufacturer's original packing in a cool and dry place away from moisture and heat.

## Coverage:

One kg of **TechFin® Crack Seal N Fill Paste** seals 100 rft of 5mm wide crack.

**Disclaimer:** The product information & application details given by the company & its agents has been provided in good faith & meant to serve only as a general guideline during usage. Users are advised to carry out tests & take trials to ensure on the suitability of products meeting their requirement prior to full scale usage of our products. Since the correct identification of the problems, quality of other materials used and the on-site workmanship are factors beyond our control, there are no expressed or implied guarantee / warranty as to the results obtained. The company does not assume any liability or consequential damage for unsatisfactory results, arising from the use of our products.

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## Health & Safety Instructions:

As a powder containing Portland cement, **TechFin® Crack Seal N Fill Paste** may cause irritation to skin or eyes. Protect your health while working with this material, always use safety goggles, gloves and safety clothing. When handling hazardous materials or pressurized materials, or during any application that may result in spills, splashes or airborne particles, a full face shield is strongly recommended. Protect yourself and others on the jobsite. Consider property in proximity of the application area to prevent loss or damage. Protect your jobsite from unauthorized persons. Store all materials and equipment safely and out of reach of children and animals.

Observe container labels, SDS, applicable laws and regulations and all instructions before using the product and equipment. In case one of the components comes in contact with the skin, wash thoroughly with soap and water. Provide adequate ventilation in volume and pattern in working area.

**Additional Information:** Techno Builders Solutions® By Sterling Technotrade India Pvt.Ltd -The Specialist Construction Chemicals Company® range of associated products includes high performance concrete Admixtures, Adhesives, Protective Coatings, Concrete Repairs, Industrial Flooring, Grouts & Anchors, Joint Sealants, Surface Treatments, curing compounds, repair mortars, release agents, Grinding Aids & Waterproofing.

\*Separate datasheet are available on these products

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