

TECHNICAL DATA SHEET



RITECARE[®] ACF Acrylic Crack Filler

(Ref. MBPL / TDS / ACF / 0524)

❖ **Product Description**

RITECARE[®] ACF (Acrylic Crack Filler) is a high-quality acrylic-based crack filler specifically formulated for repairing and filling cracks in concrete & plaster surfaces. It offers excellent adhesion, excellent bonding, flexibility and durability, ensuring long-lasting protection against water infiltration and further damage with ease of application.

❖ **Special Features**

- **ASTM C 834 - 91**
- Acrylic-based crack filler for concrete & plaster surfaces upto 5mm in width.
- Effectively fills and repairs cracks in concrete surfaces.
- Inclusion of fibre reinforcement provides an excellent improvement in mechanical properties.
- Due to its smooth consistency, the RITECARE ACF provides easy application with minimal effort.
- Provides excellent adhesion with long-lasting durability and flexibility.



❖ Application

- Residential, commercial, and industrial buildings.
- Driveways, walkways, and sidewalks.
- Parking lots and garages.
- Bridges and other concrete structures.

❖ Suitable Substrates

- Concrete surfaces
- Cement-based renderings
- Masonry surfaces

❖ Coverage

- The coverage of RITECARE ACF may vary depending on the width and depth of the cracks. As a general guideline, one kg of RITECARE ACF can cover approximately 85 - 100 running sq. ft. / kg at 5 mm width and 5 mm depth.

❖ Packing

Available in **500 gm, 1 kg & 5 kg.**

❖ Shelf Life & Storage

- The shelf life of RITECARE ACF is 12 months from the date of manufacture when stored in unopened containers in a cool and dry place.

❖ Method of Application

- Clean the cracks thoroughly, removing any loose particles, dust, or debris. Wet the surface before application.
- Fine hairline cracks should be opened up to 1-2 mm by using a scrapper.
- Before application make sure that the top coatings and putty layers have been removed. Make sure that the plaster surface is exposed.
- For substrates with higher porosity priming with AQUAFLEX PRIME is recommended.
- Use a suitable crack repair tool or trowel to fill the crack with RITECARE ACF, and ensure that proper filling of cracks with RITECARE ACF.
- After 24 hours of curing apply the second coat.
- For best results provide 7 days of curing.

❖ Notes on Applications / Limitations

- RITECARE ACF is recommended for use on cracks up to a 5mm width.
- Not applicable for cracks in expansion joints or in structural members.
- It is important to follow proper surface preparation and application techniques for optimal results.
- At low temperatures curing times will be delayed.

❖ Technical Data

Parameters	Standard	Typical Values
Appearance	Visual	Smooth & Thick Paste
Colour	Visual	White
Specific Gravity	ASTM D 1475	1.45 - 1.55
Solid Content	ASTM D 2369	78 - 82%
Tack Free Time	ASTM D : 2377	25 - 35 minutes
Vertical Slump	ASTM D : 2202	No slump observed
Volume Shrinkage	ASTM C 1241	22%
Movement Accommodation factor		12%

❖ Standard Followed

- ASTM C 834 - 91

❖ Precautions

- Keep out of reach of children.
- Wear suitable PPE's when apply.
- In case of contact with skin / eyes, wash immediately with plenty of water & seek medical help.

Follow us on:



Disclaimer



is a registered trademark of MYMIX BUILDPRO Private Limited.

The information given in this TDS is for general guidance only. Specific instruction for various site conditions can be provided on demand.

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 trails 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, qualities of other materials used and 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 any consequential damage for unsatisfactory results, arising from the use of our products.