

TECHNICAL DATASHEET

ASCOFILL

Single Component Non-Shrink
White Crack Filler



PRODUCT INTRODUCTION

Ascofill is specially modified single component ready to use, blend of dry powders. At site, when mixed with water, it becomes highly consistent, high strength, non-shrink crack filling powder that can repair plaster and concrete cracks. Ascofill comprises of white cement, polymers and graded aggregates, to provide a crack filler with good handling characteristics.

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KEY FEATURES

1. Non-shrink.
2. Excellent adhesion with substrate.
3. Single component which requires only mixing with water.
4. Easily applied on vertical and horizontal cracks.

RECOMMENDED APPLICATIONS

1. Recommended for crack repairs to all masonry, concrete, stucco cement rendering or other exterior surfaces.
2. It can also be used for repairing brickwork, corners and surfaces.
3. For filling small holes, imperfections and suitably primed cracks.

TECHNICAL PROPERTIES

Appearance	Free Flow Powder
Color	White
Bulk Density	1250 ± 50 Kg/m ³
Compressive Strength	20 – 23 N/mm ²
Setting Time	20 – 25 Minutes
Adhesion	Excellent adhesion

APPLICATION METHOD

1. SURFACE PREPARATION

All surface must be clean and structurally sound. Oil and grease must be removed. Remove enamel paint with all-purpose paint remover. Open the cracks to allow the filler to be pressed into position.

2. APPLICATION

Open the cracks in form of “V”, groove with chiseled. The grooves shall be cleaned with blower. Cracks and holes shall be sprinkled with clean water before applying ASCOFILL. Fill the cracks and holes using a scraper or putty knife. Apply to a depth of 6mm. For deeper cracks/holes, apply in 6mm layers. Allow to dry for at least 4 hours (drying times may be longer in cold or wet weather) before sanding, drilling or painting. Apply ASCOFLEX II as undercoat before painting.

3. MIXING

Sprinkle 1 Kg Ascofill slowly into 0.30 Liter of clean water. Stir well till it becomes a smooth paste and consistency is achieved. For better performance Ascofill should be mixed with Ascobond/ Ascobond AR.

4. CONDITION FOR USE

- i. Temperature of the material, air and substrate should be minimum +5 °C to maximum +35 °C.
- ii. Low temperature increases the working and setting time whereas high temperature decrease the working and setting time.

5. Finishing

Ascofill should be struck off to the correct level and finished with a spatula/putty blade or steel trowel to fully close the surface. The completed surface should not be overworked.

6. Curing

Curing is essential for all cementitious products to prevent possible shrinkage cracks and ensure the performance characteristics of the product are achieved.

7. Health and Safety Guidelines

- i. Use personal protective equipment (PPE) to use Ascofill for storage and application
- ii. If it comes in contact with eyes, immediately wash eyes with water and seek medical advice.
- iii. Use of safety goggles, mask and hand gloves are recommended to protect your eyes, skin and mouth while in use. (Material Safety Data Sheets are available through our company's representative or from our ASCOLITE's website)

8. Disposal

Large quantities of the leftover product should be disposed off in the original containers in accordance with the applicable regulations. Completely empty, clean containers should be recycled. Do not dispose off along with household waste. Do not allow to enter the sewage system. Do not empty it into drains.

9. Coverage

Approximately 16-17 gm / RFT for 5mm X 5mm crack. All coverage rates given are theoretical and subject to actual site conditions. We recommend trial areas are done to establish practical consumption particularly for primers.

10. Packaging

It is available in 1 Kg Pouch, 5 Kg & 20 Kg sealed Bag.

11. Shelf Life

12 months from the date of production if stored in original, sealed packaging and protected from moisture, sun exposure and frost.

DISCLAIMER:

While the technical details & recommendations contained in this document and the related details given by the representatives of the company correspond to the best of our knowledge & experience, all the above information must in any case be considered as merely indicative and subject to confirmation. Users are recommended to conduct a product suitability test before it is used at full scale. In any case, the consumer alone is entirely liable for any consequences resulting from using the product. For the most up-to-date TDS, please visit our website at www.ascolite.in. Our company policy is one of ongoing R&D; therefore, we reserve the right to update this information without prior notice at any time. As the correct identification of the problems, the quality of other materials used, on-site environmental conditions and the workmanship on-site are factors beyond our control, there is no express or implied guarantee/warranty as to the results achieved. The company assumes no liability or consequential damage arising from the use of our products for unsatisfactory results. Site visits are not a supervisory responsibility wherever provided. Suggestions made either verbally or in writing by the company may be followed, modified or rejected by the owner, engineer or contractor, since they are solely responsible for carrying out procedures appropriate to a specific application.