

# Arki-Filler K

ID: G4-K  
Version: 1  
Edition: 1



## Non-structural crack filling compound

### Description

Arki-Filler K is a one-component fine powder can be easily mixed with water to form a creamy consistent paste used to fill and render surface shrinkage and static joints on plastered surfaces prior to smoothing and coating application.

Arki-Filler K is cement-based polymer modified compound formulated for indoor and outdoor applications.

### Advantages

- High bond strength.
- Easy to apply.
- No sag.
- Filling static cracks and holes with smooth finish.
- For interior and exterior use.
- Compatible with decorative putties and paints.

### Product properties\*

<b>Type:</b>	Pre-mixed cementitious powder
<b>Color:</b>	White
<b>Mix ratio:</b>	~ 9 liters of cold clean water per 25 kg bag
<b>Bulk density:</b>	~1.09 kg/l
<b>Wet density:</b>	~ 1.75 kg/l
<b>Pot life:</b>	60 minutes
<b>Setting Time:</b>	7-10 hours
<b>Bond Strength:</b>	≥ 0.6 MPa (after 28 days)
<b>Flexural strength: (ASTM C348)</b>	≥ 1.7 MPa (after 28 days)
<b>Compressive strength: (ASTM C109)</b>	≥ 4.5 MPa (after 28 days)

\* Values are valid at ambient temperature of 23°C and at 55% relative humidity.

### Directions for use

#### Substrate preparation

The substrate should be clean, sound and free from any contaminations. All loosely material on the edges of the cracks should be removed. If the crack is too fine, it must be broken to ascertain its actual width and depth. Moisten the surface slightly before applying Arki-Filler K.

### Mixing

Add slowly Arki-Filler K to the pre-measured quantity of clean water during mixing. It is recommended to use a mixing paddle attached to a slow speed electric drill for at least 2 minutes until the material becomes smooth in consistency and slump-free. Allow the material to saturate for about 5 minutes and re-mix before application.

Mixed material should be used within its pot life. Mix only quantities that can be applied within the pot life.

### Application

Press the mixed Arki-Filler K into the cracks using spatula of putty knife. Avoid formation of cavities or air bubbles during application. Level the surface with a putty knife to get a smooth surface.

Apply putty or paint on Arki-Filler K after it has completely dried out.

### Cleaning

Use water to clean all tools before hardening of the material.

### Storage and shelf life

Arki-Filler K has a maximum shelf life of 12 months when stored in dry warehouse conditions in unopened, undamaged original bag. Storage should be away from direct sunlight in ambient temperature between 5°C and 35°C.

### Packaging

25 kg bags

### Safety precautions

Arki-Filler K is a non-flammable material and not classified as a hazardous material under current legislation. The cement content of the product may cause irritation to the skin and eyes. Therefore, unnecessary contact with the product is to be avoided and suitable gloves and goggles must be worn.

Accidental contact of Arki-Filler K to the skin or eyes should be washed off with clean water. In the event of prolonged irritation, seek medical advice. Do not dispose into water or soil. Dispose the material according to local regulations.

For further information refer to the material safety data sheet.

# Arki-Filler K

## Technical support

Arki provides assistance to its customers and gives site support, consultations and technical advice on concrete repair, surface preparation and treatment, protective coatings, tile adhesive, engineering grouts, waterproofing materials.

## Additional Arki products

Arki produces high quality products intended for use in construction activity, among these products:

- Concrete Admixtures
- Concrete repair materials.
- Mould release agents and curing compounds.
- Waterproofing materials.
- Flooring systems.
- Protective coatings.

## Product Quality

All Arki products are manufactured under an independently certified quality management system to conform to the requirements of the international standards.



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Users should always refer to the most recent issue of the product technical data-sheet for the product concerned, copies of which will be supplied on request.  
Arki products are guaranteed against defective materials and manufacture and are sold subject to Arki standard terms and conditions of sales.  
Because the storage, handling and application of these products are beyond our control, we can accept no liability for the results obtained.