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# ARDEX BR 120 FC

## **Polymer-Modified, Fibre-Reinforced Fairing Coat**

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Polymer Modified

Ideal Fairing Coat to be used in conjunction with ARDEX BR Repair Mortars

Fairing skim coat for final smoothing of masonry and brick walls

Excellent strength and surface hardness

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# ARDEX BR 120 FC

## Polymer-Modified, Fibre-Reinforced Fairing Coat

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### DESCRIPTION

ARDEX BR 120 FC is a fairing skim coat for the final smoothing of masonry and brick walls. It is the recommended Fairing Coat to be used in conjunction with ARDEX BR Repair Mortars. ARDEX BR 120 FC is specifically designed for the preparation of façade surfaces prior to the application of ARDEX WPM 330 Façade Anti-Carbonation Membrane or ARDEX WPM 310 Facade and Roof Membrane.

### FEATURES

- One component system
- Polymer-modified
- Fibre-reinforced

### TYPICAL APPLICATIONS

- Facade preparation/ restoration prior to application of ARDEX facade membranes.
- Fairing/ skim coat for final smoothing over patched areas or generally on masonry and brick walls
- Pre-cast panel repairs
- Spalling concrete repairs
- For aerated concrete panelled walls
- In-situ poured concrete repairs
- Skim coat for swimming pool repairs – prior to waterproofing and tiling
- Can be used for repairs under ARDEX membranes and tile adhesives

### PREPARATION

The substrate must be clean, sound and free from all grease, oil, dust and other surface contaminants such as curing compounds. Substrate surfaces should be open pored (permeable).

### PRIMING

ARDEX BR 120 FC is self-priming when used as a fairing coat.

### MIXING

Mix ARDEX BR 120 FC with approximately 4L water per 20kg bag (or 200mL water/kg powder) and mix the blend to a homogeneous, uniform, smooth thick paste consistency. Measure the appropriate amount of water into a clean suitable sized bucket and then add the powder to the water while mixing with a heavy duty electric drill and ARDEX Mixing Paddle on slow-medium speed (approx 400-600 rpm). Once all of the powder has been added, mix for approximately 2 – 3 minutes to fully homogenise.

### APPLICATION

Apply using a trowel to a suitably prepared and pre-dampened substrate. Maximum thickness that can be applied in one layer is approximately 3mm.

ARDEX BR 120 FC will stiffen on standing, but the workability of the product will be quickly returned after simple hand mixing with a trowel.

Note: It is not acceptable to try and extend the workability of the product beyond the usual pot life by adding water.

### DRYING TIME

The product can be re-shaped, cut or moulded within its pot life. Drying time for ARDEX BR 120 FC is approximately 16 hours at 23°C and 50% relative humidity.

### SHELF LIFE

ARDEX BR 120 FC has a shelf life of 12 months when stored in the original, unopened packaging in a dry place at 23°C and 50% relative humidity.

### CLEAN UP

Clean all tools in water immediately after use.

### SAFETY DATA

This product may cause irritation and an allergic reaction to the skin. It may cause serious eye injury and irritation to the respiratory system. In case of contact with the eyes rinse with running water (15 mins) including removal of contaminated clothing. Wear protective gloves, clothing, eye and face protection. Avoid inhaling dust/ fume/ gas/ mist/ vapours/ spray. Ensure adequate ventilation during mixing and application. Store locked up. Check with your local Council regarding the disposal of contents. Keep out of the reach of children. Call the Poisons Information Centre on 131 126 (AUS) and 0800 764 766 (NZ) or call a doctor if you feel unwell. Additional information is in the Safety Data Sheet (SDS) at [www.ardexaustralia.com](http://www.ardexaustralia.com)

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## TECHNICAL DATA

<b>Form</b>	Powder
<b>Colour</b>	Grey
<b>Mix Ratio</b>	Mix 200mL/kg
<b>Mixed Mortar Density</b>	2kg/L wet
<b>Pot Life (23°C)</b>	45 – 60 mins
<b>Application Temperature</b>	10°C - 35°C
<b>Application Thickness Fairing Coat</b>	1 – 3mm
<b>Yield and Coverage (20kg) At 3mm thickness</b>	4m <sup>2</sup>
<b>At 1mm thickness</b>	12m <sup>2</sup>
<b>Flexural Strength (28 days)</b>	7MPa
<b>Compressive Strength (28 days)</b>	24MPa
<b>Tensile Adhesion Strength:</b>	1.7MPa
<b>Hardening Time</b>	>4 hours

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