

ROCKBOND SCP LTD

FORMULATORS, MANUFACTURERS AND CONSULTANTS OF SPECIAL CONCRETE PRODUCTS

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ROCKBOND FAIRING COAT

DESCRIPTION:

ROCKBOND FAIRING COAT WHITE (RB FCW) is a pre-batched, ready to use, two part fairing coat system consisting of a white cementitious powder and a pure acrylic polymer latex. ROCKBOND FAIRING COAT WHITE DRY PACK (RB FCW DP) contains a blend of cement powders, inert fine fillers, fibres, and a collection of compatible admixtures. When the dry pack is mixed with the ROCKBOND PURE ACRYLIC LATEX (RB PAL), a white, acrylic modified, fairing coat is produced which is applied in thin sections to skim over concrete, brick and stone. The system is very adhesive, flexible, impermeable and waterproof. The coating provides a protective, uniform and aesthetically pleasing final finish to new construction work and concrete repairs. The material is supplied in 20kg/15 litre packs and has a shelf life of 2 years.

SPECIAL PROPERTIES:

- * Pre-batched and ready to use.
- * Available in brilliant white, and also in a range of attractive colours.
- * Normally no primer is required.
- * The dry pack is quickly and easily mixed with the latex, applied and finished.
- * Can be placed by brush, broom, roller, sponge, trowel or spray.
- * Can be applied in sections of 1mm, and down to a feather edge.
- * Anti-shrink, non cracking, non crazing, non curling and shrinkage compensated.
- * The coating is adhesive, flexible, microporous, damp proof, waterproof and weatherproof.
- * Water "soluble" - equipment is quickly and easily washed and cleaned with water.
- * High yielding, economical, non flammable, non toxic, odour free, user friendly and safe to use.

USES:

- + For re-facing brickwork, blockwork, masonry, stone, concrete and cementitious renders.
- + To fill, seal and repair imperfections on building surfaces, honeycombing, cracks and crazing, pores, voids, ruts and holes.
- + To produce a waterproof coating to offices, factories, warehouses and buildings.
- + To protect cement, concrete and stone against atmospheric pollution.
- + To produce a uniform, complete and cosmetic cover to concrete repairs.
- + To give an attractive and aesthetically pleasing finish to walls, buildings and concrete structures.

MIXING INSTRUCTIONS:

ROCKBOND FAIRING COAT WHITE DRY PACK is mixed with the ROCKBOND PURE ACRYLIC LATEX using a ROCKBOND CONCRETE STIRRER (RB CS), an electric power tool (1kW) and a ROCKBOND 25 LITRE MIXING CONTAINER (RB 25LMC). Use a ROCKBOND FORCED ACTION PAN MIXER (RB FAPM) to mix larger amounts of material.

Pour the powder onto the latex. (The latex/powder ratio by weight is 18%).

Gently mix for 1 minute.

The Fairing Coat is now ready for use.

ROCKBOND FAIRING COAT WHITE (RB FCW).

MIXING INSTRUCTIONS CONTINUED...

Alternatively, small amounts of the material can be prepared by slowly adding the powder to a quantity of the latex and mixing to the required consistency for the job in hand, not too stiff or too wet.

APPLICATION PROCEDURE:

Good substrate preparation is an essential part of any successful application. All substrates should be mechanically sound and thoroughly clean.

On weak, friable or porous substrates, use ROCKBOND PRIMER LATEX (RB PL) to penetrate, consolidate, strengthen and seal the surface. With a brush or a soft broom, brush the latex completely and evenly over the surface. Work the latex well into the substrate. Pay particular attention to the edges, and brush the liquid at least 25mm beyond the perimeter of the area to be covered. Let the latex dry out, usually 15 to 20 minutes depending on conditions.

To prime the substrate and to enhance the bond, apply a second coat of the latex to the first coat. Normally, 1 litre of the ROCKBOND PRIMER LATEX will treat 5m² of concrete surface with a two coat application.

Use ROCKBOND FASTROCK ACCELERATED MORTAR (RB FRAM) to patch repair any deep areas.

Mix the ROCKBOND FAIRING COAT WHITE DRY PACK with the ROCKBOND PURE ACRYLIC LATEX at 18% latex content, equivalent to 10kg of dry pack to 1.8 litres of latex. The material is applied by brush, roller, steel float or spray to give a cover of approximately 1mm. Work the coating well onto and into the substrate, and ensure no air is trapped at the bondline.

Let the fairing coat “go off” for 30 minutes or so, and when the time is right, use an appropriate implement to obtain a textured finish. If a smooth surface is required, use a sponge, foam tool or steel float. Slightly wet the surface with a hand held spray containing the latex, and lightly draw the tool over the surface.

The spread rate for a 1 coat application is 1 litre/m²

TECHNICAL DATA:

TYPICAL DATA at 18% latex/powder ratio at 20°C

CONSISTENCY:	Wet mortar consistency	
CONSISTENCY LIFE:	30 minutes	
DENSITY:	1850kg/m ³	
MINIMUM COMPRESSIVE STRENGTH:		

7	28	Days
1	2	MPa

YIELD: 1 x 20kg pack yields 15.00 litres of Fairing Coat
1 x 20kg pack treats 15m² of substrate surface at 1mm cover

ROCKBOND FAIRING COAT WHITE (RB FCW) CONTINUED...

HEALTH, SAFETY AND STORAGE:

ROCKBOND FAIRING COAT WHITE DRY PACK is non toxic and safe to use. However, use the same precautions as with any cementitious product: wear goggles, protective clothing and a dust mask while mixing and applying the material. Consult the relevant MSDS for further details. Store in a cool, dry, dark place.

ROCKBOND PURE ACRYLIC LATEX is non toxic and safe to use. However, if splashes enter the eyes, the latex must be immediately washed out with plenty of clean running water. Continue the treatment for several minutes with the eyelids kept open. If the latex is ingested, give the patient plenty of water to drink. Consult the relevant MSDS for further details. Store in a cool, dry, dark place.

FURTHER INFORMATION:

Should you require further information on this product, or details of other ROCKBOND SPECIAL CONCRETE PRODUCTS, then please do contact our Technical Department:

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<https://rockbond.co.uk/products/rockbond-fairing-coat-rb-fc/>

IMPORTANT NOTE:

ROCKBOND SCP LTD provides the above information in good faith and without warranty. The data represents typical values which can be updated at any time, and this information supersedes previous issues. No liability can be accepted for any damage or loss arising from the use of ROCKBOND SCP LTD literature or its products, because the company has no continuous control on how the products are mixed, placed or cured.

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