



Fibre Re-Enforced LR

TECHNICAL DATA SHEET
November

Product Description	F4 Paints Fibre Re-Enforced LR is a New generation water based acrylic elastic long life roof coating for use without a woven membrane for sealing roofs from water penetration	
Application Areas	<ul style="list-style-type: none"> Interior and exterior. Cement tiles (new or weathered), fibre cement sheeting (new or weathered), Plaster, previously painted substrates. Primed metal and wooden substrates. Flat cement/concrete roofs/wall tops Seal nail heads and roofing bolts. 	
Product Features	<ul style="list-style-type: none"> F4 Fibre-Re-enforced LR is a coating material, which prevents water penetration into the substrate. Applied in several layers and strengthened with a suitable woven material it forms a thick protective membrane for roof sealing. This Product is based on a flexible and water resistant Acrylic resin emulsion. Applied to specification it seals concrete roofs and prevents water penetration. This Product remains flexible for years even after extended exposure to the environment. Besides its main use on concrete roofs, this product can be successfully applied on galvanized sheeting, roofing felt and fibre cement. This Product is ideal for repair work on roofs such as sealing nail heads, leaking flashings and repairing damaged or cracked roofing felt. Can be used on window ledges and to seal Parapet wall tops Durable and UV resistant. Highly water resistant. High flexibility. Excellent adhesion. Excellent, no mess application properties. Quick drying two coats can be applied in one day. Low odour. Three to four coats of this Product are used for best results. In white it also has the added benefit of being heat reflective and therefore reduces the temperatures of the rooms (especially for metal roofs) 	
Product Data	Resin Base	Acrylic resin emulsion
	Drying Time	Touch dry: ± 1 hour Hard dry/recoat : ± 4-6 hours
	Film Thickness	80-100 microns per coat
	Spreading Rate	1-2 SQM per 1 litre Although the spreading rate will vary with porosity and type of substrate, for uncoated new surfaces work on 0.5-1 square meters per litre for the first coat and 3-4 square meters per litre for subsequent coats and for when applied to sealed, previously painted substrates.
Application Details		
• Mixing	Always stir well before use with a flat paddle.	
• Application Method	• Brush and Roller	
• Thinning	This Product is ready for use un-thinned; thinning with water will reduce its hiding power.	
• Cleaning	Application equipment clean up is with clean tap water.	
• Application	<ul style="list-style-type: none"> Stir well before use. With brush or roller, apply a generous/thick coat of the Product to the area that needs protecting in small manageable sections. Allow to dry 4-6 hours before recoating. Longer in Cold Weather For Roof Leak Apply a second, third and possibly a fourth generous coat, waiting 4-6 hours between coats. This Product is ready for use un-thinned; thinning with water will reduce its hiding power and effectiveness. Three to four coats of this Product are used for best results. Application equipment clean up is with clean tap water. Do not apply before 09:00 and after 16:00 in the winter. Do not apply exterior if it looks like rain will occur within 4-6 hours of application.. 	
Surface Preparation		
• Rusted Metal	<ul style="list-style-type: none"> Affected areas need to be cleaned back to bright metal and spot primed with Water based Metal Primer. Remove collected sand and dust from the area. Apply 2 Coats if as a roof paint and 3-4 Coats if it being used to seal a Leak 	
• New Metal	<ul style="list-style-type: none"> Degrease surfaces with a Galvanized Iron Cleaner to remove the manufacturer's grease protective layer. This process is repeated until the surface is water break free. Rinse well with clean water. Prime the Clean Degreased Metal with a waterbased Metal Primer Apply 2 Coats if as a roof paint and 3-4 Coats if it being used to seal a Leak 	
• Uncoated cement Plaster surfaces	<ul style="list-style-type: none"> Remove dust, foreign material, fungal and algae growth. Fill all visible cracks and seal with F4 Plaster Primer. Apply 2 Coats if as a roof paint and 3-4 Coats if it being used to seal a Leak 	
• Fibre Cement Surfaces (Uncoated, Weathered or New)	<ul style="list-style-type: none"> Remove dust, foreign material, fungal and algae growth. If friable or powdery, seal with F4 Bonding liquid or F4 Plaster Primer Apply 2 Coats if as a roof paint and 3-4 Coats if it being used to seal a Leak 	
• Previously Painted Surfaces	<ul style="list-style-type: none"> Make sure old paint coatings are firm and solid. Remove all loose, flaking and bubbling paint. Remove all dust, grease, foreign material, fungal and algae growth. Allow to dry. If then powdery or friable, seal with F4 Bonding Liquid or F4 Plaster Primer Apply 2 Coats if as a roof paint and 3-4 Coats if it being used to seal a Leak 	
Colour Range and Quantities	<ul style="list-style-type: none"> This Product is available in white and dark Grey. Available in 5 and 20litres. 	
Precautions	• This Product is not flammable, contains no toxic substances and only low levels of VOC (EU regulations).	
Disclaimer	F4 Paints cannot be held liable if the product fails due to improper surface preparation or application.	