

## Quick Set

### Heavy-Duty Textured Waterproof Sprayable Coating For Surface Protection

LRM Products FerriSeal – Quick Set is a fluid applied polymer modified emulsion for protection of metallic elements, compounds and alloys corrosion. FerriSeal Quick Set is recommended for protection of metallic elements, compounds and alloys corrosion.

FerriSeal Quick Set when cured fully adheres to the substrate to which it is applied, providing a flexible long wearing surface. FerriSeal Quick Set is not affected by sunlight, water or occasional chemical spills. FerriSeal Quick Set is a dual component, cold applied coating, applied alone or in conjunction with Rapid Build or Bulk Build.

FerriSeal Quick Set is a polymer modified emulsion formulated for application by aggregate spray equipment. Applications include Heavy Equipment, Metal Roof Repairs, Metal Protection and for extra UV resistance to any metallic surfaces.

FerriSeal Quick Set is water based and environmentally safe, providing an excellent textured coating that is flexible and resists cracking, chipping and aging, with excellent freeze/thaw resistance.

\* Free of flammable solvents \* non-toxic \* no voc's \* low odour & water based

### APPLICATION

FerriSeal Quick Set is a dual component product that may be applied using aggregate spray equipment. FerriSeal Quick Set is applied in thickness from 1.0 - 6.0mm.

FerriSeal Quick Set should be applied to a dry surface, free of dirt, debris, oil or grease and should not be applied when the ambient temperature is below 10 °C, or if rain is expected within 24 hours of application. With joints or cracks in the surface a reinforcing fabric impregnated with FerriSeal Quick Set is recommended.

FerriSeal Quick Set is to be applied at a rate of 1.7L per 1m<sup>2</sup> for 1mm of coverage. Curing time may vary depending on temperature and relative humidity. FerriSeal Quick Set cures in 24-48 hours at 20 °C when applied at a dry film thickness of 1.0mm.

### LIMITATIONS

FerriSeal Quick Set should not be applied when the ambient temperature is below 10 °C. The uncured membrane may be damaged if frozen and should not be applied to wet or frozen surfaces or directly prior to rain. Please consult technical service with any questions.

### CAUTION

Keep out of reach of children. Avoid storage below 5 °C. Please consult the Safety Data Sheet before using LRM Products FerriSeal Quick Set.

FerriSeal Quick Set is mildly alkaline. When applying this product observe normal safety precautions, wear gloves, eye protection and other suitable protective equipment. For further information please consult the product SDS.

## TECHNICAL SERVICE

### Physical Properties (Liquid)

Property	Typical Results
Colour	Black
Specific gravity (liquid) g/cm <sup>3</sup>	Approx. 1.0
Odour	None
Volatile Organic Compound	Contains no solvents
Solids Content	58 - 63%
Viscosity, Brookfield (cps)	20 - 25
pH	10 - 12

### Performance Data (Cured Membrane)

Property	Typical Results
Colour	Approx. 1.0
Specific gravity, g/cm <sup>3</sup>	Approx. 1.2
Chemical resistance	Resists salt water and many organic and inorganic solutions not recommended for gasoline or other petroleum products.
Tensile Strength ASTM D 412, kPa (psi)	618 (90)
Elongation, %	850%
Adhesion to concrete ASTM C 907, kPa (psi)	765 (111)
Sag flow	None
Low temperature mandrel CGSB 37.58-M86, para. 7.2.6, -15 °C	Pass
Hardness, Durometer Type 00	50
Coefficient of friction (static)	0.60
Abrasion resistance	Passed (168)

### Coverage

Cured Membrane		Coverage		
mL	mm	ft <sup>2</sup> /gal	ft <sup>2</sup> /litre	m <sup>2</sup> /litre
40	1.00	34	7.53	0.71
80	2.00	17	3.76	0.35
120	3.00	11	2.51	0.24

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