

## Quick Set

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

LRM Products TerraSeal – Quick Set is a fluid applied polymer modified emulsion sealing and waterproofing. TerraSeal Quick Set is recommended for a robust solution for land sealing.

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

TerraSeal Quick Set is a polymer modified emulsion formulated for application by aggregate spray equipment. Applications include land sealing, dams, land fill encasement, waste water storage, tailing ponds and commercial fish breeding ponds.

TerraSeal 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

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

TerraSeal 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 VersEseal Quick Set is recommended.

TerraSeal 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. TerraSeal cures in 24-48 hours at 20 °C when applied at a dry film thickness of 1.0mm.

### LIMITATIONS

TerraSeal 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 TerraSeal Quick Set.

TerraSeal 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                                                         | Black                                                                                                                       |
| Specific gravity, g/cm <sup>3</sup>                            | Approx. 1.0                                                                                                                 |
| Chemical resistance                                            | Resists salt water and many organic and inorganics<br>olutions not recommended for gasoline or other<br>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,<br>para. 7.2.6, -15 °C | Pass                                                                                                                        |
| Hardness, Durometer Type 00                                    | 50                                                                                                                          |
| Coefficient of friction (static)                               | 0.60                                                                                                                        |
| Abrasion resistance                                            | Passed (168)                                                                                                                |

## DISCLAIMER

This Product Data Sheet (PDS) provides a concise summary of our most up-to-date knowledge about the product, encompassing instructions for usage and application. It is essential to thoroughly review this PDS and consider the information within the context of the intended product application, including its compatibility with other products and the specific surfaces it will be used on, as well as the method of application. Please be aware that our responsibility for products sold is governed by our standard terms and conditions of sale. LRM Products cannot be held liable, whether directly or indirectly, for any losses incurred in connection with the utilisation or application of the product, regardless of compliance with any advice, specifications, recommendations, or information provided by us.