

# Rapid Build

## **Heavy-duty textured waterproof sprayable & brushable coating for surface protection**

LRM Products VersEseal – Rapid Build is a fluid applied polymer modified emulsion for improved traction in foot traffic areas. VersEseal Rapid Build is recommended for use in a variety of harsh environments, chemically exposed areas, temperature variations and high traffic areas.

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

VersEseal Rapid Build is formulated for application by brush, roller, trowel or squeegee. Applications include concrete repair, expansion joints, foundation sealing, plumbing applications, retaining walls, roof repair, decks, sewage pump stations, water tank membranes, reservoirs, waste water storage, civil pipe joints, UV protection.

VersEseal Rapid Build 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. VersEseal Rapid Build is potable water approved to AS 4020.

\* Free of Flammable Solvents \* Non-Toxic \* No Voc's \* Low Odour & Water Based

## **APPLICATION**

VersEseal Rapid Build is a single component product that may be applied using a roller, squeegee or aggregate spray equipment. VersEseal Rapid Build is applied in thickness from 1kg/m<sup>2</sup>.

VersEseal Rapid Build 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 Rapid Build is recommended.

VersEseal Rapid Build is to be applied at a rate of 1.7kg per 1m<sup>2</sup> for a 1mm dry film thickness coverage. Curing time may vary depending on temperature and relative humidity. VersEseal Rapid Build cures in 24-48 hours at 25 °C when applied at a dry film thickness of 1.0mm.

## **LIMITATIONS**

VersEseal Rapid Build 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. The substrate must contain less than 10% moisture. 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 VersEseal Rapid Build.

VersEseal Rapid Build 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	50 - 55%
Viscosity, Brookfield (cps)	10,000 - 15,000
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 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 A	50
Coefficient of friction (static)	0.60
Abrasion resistance	Passed (168)

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