

RENOLITH

DOUBLE STRENGTH FORMULA

2.0



DURABLE, SUSTAINABLE, LOW-COST ROADS

The world's only **2nd generation nanopolymer** optimised for pavements (roads, paths, carpark, runways and hardstands).

Renolith™ is a patented polymer-based emulsion of latex, cellulose and nanoparticles. It is used as an additive to enhance soil-cement pavement construction and performance. Road construction cost savings of up to 60% are achievable.

Unlike other additives, Renolith:

- ✓ Inhibits crack formation and crack growth
- ✓ Is suitable for flexible pavements
- ✓ Can be used with any in-situ soil (or recycled pavement)
- ✓ Does not require periodic reapplication

SOIL-CEMENT STABILISATION

Stabilisation is used to increase the mechanical performance of soils for the construction or rehabilitation of subgrades and pavements. This process can permit a reduction in pavement depth and enable recycled, site-won, and lower grade materials to be used for pavement construction. However, cement-only stabilisation has application and performance limitations.

RENOLITH ENHANCEMENT

Renolith™ pavements are constructed using standard soil-cement stabilization methods. Typical problems such as cracking, rutting and potholing are eliminated. Renolith™ roads are durable, sustainable and cost 15%-60% less to construct than conventional methods.

SUPPLY

Renolith 2.0 is manufactured in Europe under an **ISO-9001** compliant Quality Management System. It conforms to standard **EN 934-2:2009**. Renolith 2.0 is available in 5L sample containers and 1000L IBCs via renolith.com.au.



FAST FACTS

FEATURES

- **Improved mechanical performance** - Density, CBR, Compressive Strength, Tensile Strength, Elastic Modulus.
- **Versatile** - suitable for all soils.
- **Reduce permeability** - Inhibit penetration of moisture & chemicals.
- **Faster cure time**

RESULTS

- **Better Pavements** - Improved resistance to traffic induced load damage (e.g., furrowing, fatigue), Resistant to swelling, Crack-resistant.
- **Fast & Efficient Construction** - Reduced disruption, delay & rework due to inclement weather.

SUSTAINABLE

- **People** - No ruts. No potholes. No dust. Rapid construction = shorter roadworks disruption.
- **Planet** - No waste. Use up to 98% recycled or in-situ material.
- **Profit** - No maintenance. Construction cost reduced by up to 60%. Durable for decades.



RENOLITH™

FOR MORE INFORMATION:

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