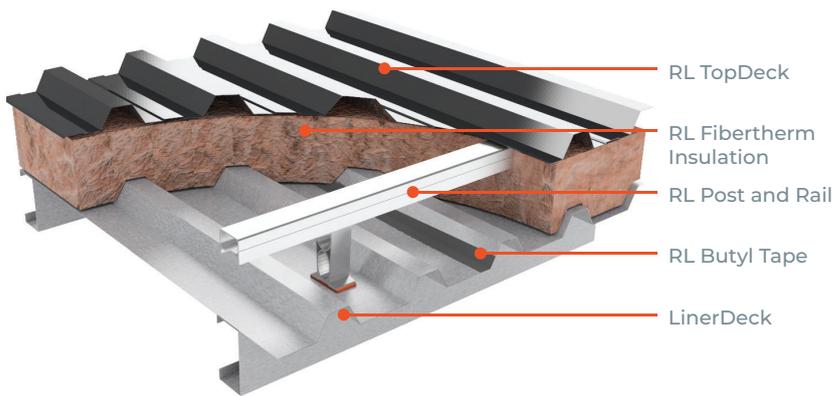


RL FIBERTHERMX

FiberthermX, the ultimate roofing solution designed to excel in New Zealand's diverse climate zones. FiberthermX offers unparalleled thermal performance, ensuring H1 compliance and superior energy efficiency. At the heart of the FiberthermX system is the structural rail assembly that is used to separate the outer skin from the internal liner deck.



Post Height	100mm	120mm	150mm	165mm	200mm	220mm	250mm	250mm
R- Value	R 2.4	R 3.0	R 3.5	R 4.0	R 5.1	R 5.4	R 6.1	R 7.1

RL FiberthermX System

BENEFITS AND ADVANTAGES

Structural Performance: Engineered to meet wind (positive and negative), snow, and seismic design loads (SLS and ULS), Rooflogic' will provide a project-specific structural design for the complete FiberthermX system. The system is solar-ready.

Thermal Performance: The FiberthermX system offers Post and Rail heights from 100mm to 250mm, addressing NZBC H1 (Energy Efficiency) needs and catering to all Climate Zones in New Zealand.

Management of Condensation Risk: The RL FiberthermX system incorporates a complete vapour control layer and project specific hygrothermal calculations to address thermal performance and moisture concerns. This system ensures superior performance, durability, and protection against interstitial condensation, mould growth, and corrosion.

Weathertightness: The FiberthermX roof allows for precise length customisation (up to 42 m) without sealants or non-standard flashing, ensuring weathertightness.

Programme: The FiberthermX system enables early close-in of the structure by first installing the RL LinerDeck, which protects the building interior from weather, offering significant program and health and safety benefits compared to traditional built-up roof systems

Fire: The complete FiberthermX system is fully non-combustible.

Acoustics: The FiberthermX System delivers excellent acoustic performance, reducing sound and rain noise. Additionally, it can be adapted for acoustic absorption, enhancing its versatility in managing various acoustic challenges.

Value: When the range of benefits are considered – thermal/ acoustic/fire performance, condensation management, programme – the Fibertherm system represents exceptional value and is highly competitive among the “warm roof” options available in the commercial roofing sector.

Durability: The FiberthermX system uses premium quality steel roofing products that are manufactured and roll-formed in New Zealand and have demonstrated durability over the last 40 years. The system comes with a 50-year warranty on the aluminium Structural Post & Rail system, and has a service life in excess.

Not all Warm Roofs are created equal. Check that competitors have the same strength of posts, have considered seismic loads and wind uplift performance.