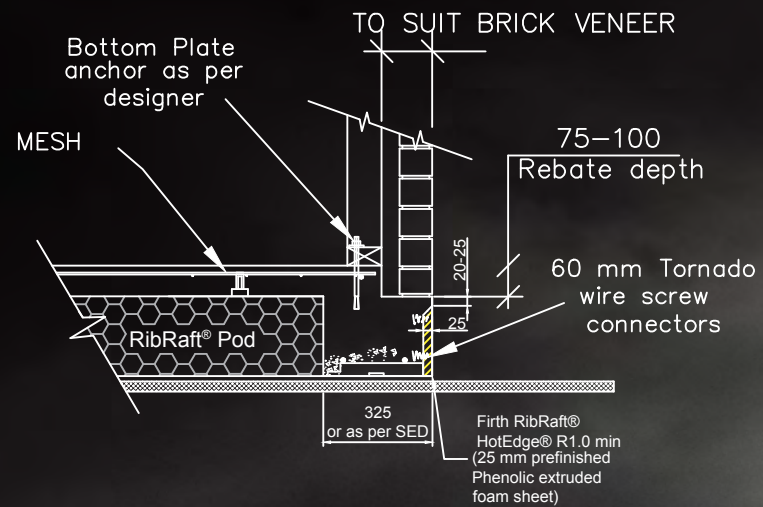
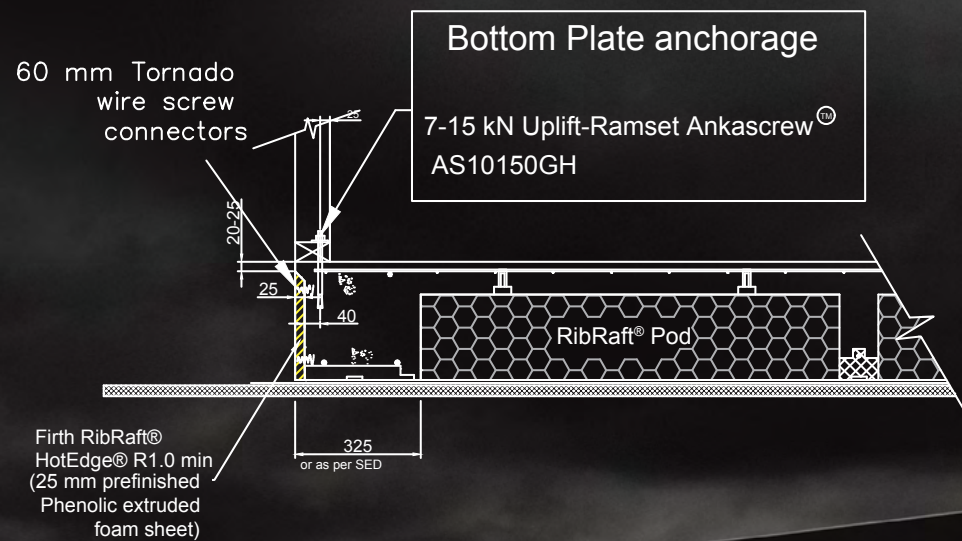


BRICK VENEER
CONSTRUCTION
DETAIL



CLAD FRAME
CONSTRUCTION
DETAIL



firth.co.nz/ribraft

The RibRaft® HotEdge® System has been designed specifically for Firth RibRaft® floors using Firth RaftMix® concrete. Unique features of the system are:

- RibRaft® HotEdge® is a closed cell extruded insulation - pre-meshed and plastered Foamular® high strength foam profiles are setup with Firth Ribraft® components
- The system highly resistant to moisture, retaining its R-value year after year, and is extremely strong and durable (up to 10 times stronger than expanded polystyrene insulation - EPS)
- The system has been specifically 3D modelled by BRANZ
- With the RibRaft® HotEdge® system you don't need to increase the framing size in your design: standard 90mm framing applies
- The system is fully compatible with Firth's RibRaft EQ® and RibRaft TC3® foundation systems

RibRaft® HotEdge® is the first product of its type to offer a complete solution to the challenge of providing a durable, high performance edge insulation system which is pre-plastered and includes corner armour protection to take the knocks that occur at foundation level.



Firth is a member of NZGBC, call us for more information about how our products can assist in achieving GreenStar and Homestar points.

GET THE
EDGE



Twenty years ago Firth created RibRaft® - New Zealand's first pod floor system. It was revolutionary. It was brilliant in its conception, and its promise of durability is now well credentialed.

Following the earthquakes in the Garden City, even more innovation was applied to the RibRaft® system, which saw the development of floors designed and engineered for seismic soil types - TC1, TC2 and TC3. The most innovative of the three being the dual slab RibRaft TC3® floor, designed to be re-levelled as often as seismic activity affects the house/floor.

Plenty have tried to replicate the original, but there is only one RibRaft® floor, and only Firth RibRaft® carries a CodeMark® certificate.

As we head into an era where energy efficiency and sustainability defines how homes are designed and built, Firth RibRaft® comes with the only integrated thermal edging that neatly and effectively assists in attaining Homestar points. Unlike 'bolt-on' alternatives, RibRaft® HotEdge® is installed into the sides of the slab's boxing before RaftMix® concrete is poured. Evenly spaced Tornado screws ensure HotEdge® is fully integrated within every floor slab, creating a seamless finish for the homeowner.

For durability, seismic and thermal R-rating, get the Edge. Specify a RibRaft® HotEdge® floor.



ACHIEVE SUPERIOR R-RATING WITH NEW RIBRAFT® HOTEDGE®

The insulation of HotEdge® has been 3D modeled by BRANZ



Ship-lap joints are bonded with MS sealant providing a strong and aesthetically clean joint



Hotedge® panels are available in 3 sizes and are 25mm thick pre-plastered foamular® extruded foam sheet measuring 3000mm in length

With RibRaft® HotEdge®, you don't need to increase the framing size in your design. Standard 90mm framing applies

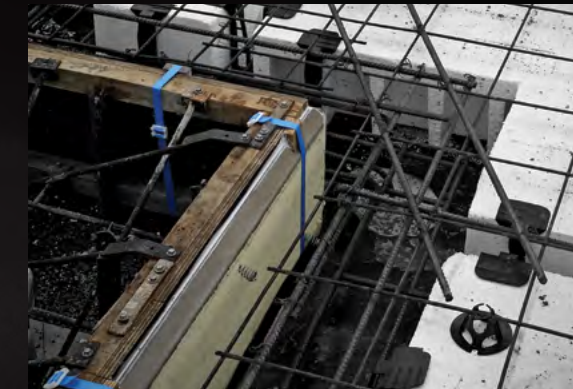


Edges are finished with a prefinished (powder coated) tough aluminium corner protector



60mm tornado wire screw connectors are placed at 600mm centre intervals to provide regular fixed anchor points into the concrete slab

HOT EDGE® PRE-PLASTERED FOAMULAR® PANEL



1 HotEdge® panels are temporarily fixed in place around the perimeter of the RibRaft® slab, tied against the external boxing, prior to concrete pour. Note tornado screws as anchor points.



2 RibRaft® RaftMix® concrete is poured covering the angled top edge of the HotEdge® anchoring it into the slab.



3 Boxing is removed, revealing a truly integrated, aesthetically finished thermal barrier. Once wall framing and cladding is fixed in place, for optimum service life and insulation, two coats of acrylic paint should be maintained to all exposed surfaces.

