

**Q: WHAT IS THE R-RATING ACHIEVED WITH THE RIBRAFT® HOTEDGE® SYSTEM?**

**A:** RIBRAFT® HOTEDGE®



The insulation of HotEdge® has been 3D modeled by BRANZ and shown to provide minimum R1.0 to the edge beam of Firth RibRaft® floors.

Joint research is currently underway by Firth and BRANZ and full data on HotEdge® R-value calculation will be published in the near future.

**Q: CAN THE RIBRAFT® HOTEDGE® PRODUCT FIT OTHER FOUNDATION TYPES?**

**A:** No, the RibRaft® HotEdge® has been specifically designed to work with Firth RibRaft® foundation designs including RibRaft EQ®, RibRaft TC3® and specifically engineered RibRaft® designed foundations that refer to the RibRaft® Technical Manual. Firth RaftMix® concrete is specifically designed to be used in all Firth RibRaft® foundation designs.

**Q: WHAT ARE RIBRAFT® HOTEDGE® PANELS COMPOSED OF?**

**A:** HotEdge® panels come in 25mm thick preplastered Foamular® extruded foam sheets. Each panel measures 3000mm in length and has ship-lapped joints at each end.

**Q: WHAT ARE SOME KEY FEATURES OF THE HOTEDGE®?**

**A:** RibRaft® HotEdge® has been designed specifically for Firth RibRaft® floors. Some unique key features are: RibRaft® HotEdge® is an integrated system: it is placed inside your RibRaft® foundation boxing before Firth RaftMix® concrete is poured, making it an integral part of the foundation.

RibRaft® HotEdge® is a closed cell extruded insulation. Foamular® insulation is highly resistant to moisture, retaining it's R value year after year, and is extremely strong (up to 10 times stronger than expanded polystyrene insulation -EPS).

**Q: HOW ARE THE PRODUCTS PACKED?**

**A:** RibRaft® HotEdge® sheets come in packs of 5 and are 3000mm in length. RibRaft® HotEdge® is lightweight and very easy to handle.

**Q: DO I NEED ANY SPECIAL INSTALLATION TOOLS?**

**A:** There are no special tools required to install the RibRaft® HotEdge® as it easily fits into the foundation boxing.

**Q: HOW DO YOU JOIN THE LENGTHS TOGETHER?**

**A:** Each RibRaft® HotEdge® panel is 3000mm in length and comes with ship-lapped joints at each end. Ship-lap joints are bonded with MS sealant providing a strong and aesthetically clean joint.

**Q: HOW DO YOU PAINT IT AND HOW OFTEN?**

**A:** RibRaft® HotEdge® can be painted in a colour to match your home's exterior cladding. For optimum service life and insulation, 2 coats of acrylic paint should be maintained to all exposed surfaces. Repaint surfaces as per paint manufacturers guidelines.

**Q: CAN IT BE CUT?**

**A:** Yes, refer to technical drawing Firth RibRaft® HotEdge® S130-1 for more details.

**Q: FOR LIGHT CLAD WALLS, IS 90 X 45MM TIMBER FRAMING OK?**

**A:** Yes, RibRaft® HotEdge® specifies bottom plate anchors that provide hold down capacity in excess or NZS3604 and GIB® bracing manual.

**Q: HOW DO I ORDER RIBRAFT® HOTEDGE®?**

**A:** Call **0800 HOTEDGE** (0800 4683343) or email [firth.hotedge@firth.co.nz](mailto:firth.hotedge@firth.co.nz)

