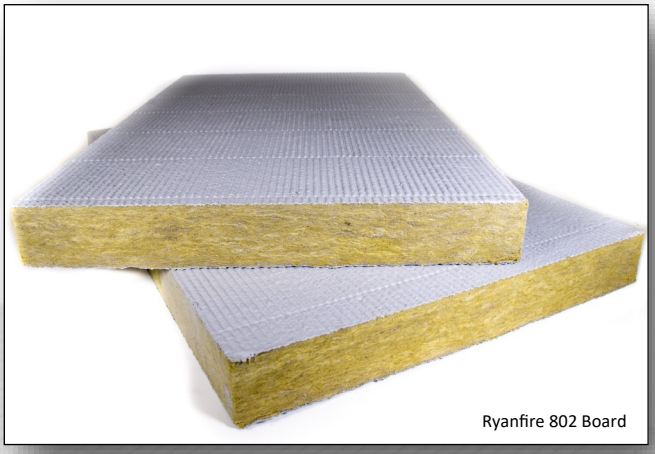
RYANFIRE 802 BOARD
TECHNICAL DATA SHEET

RYANFIRE
PASSIVE FIRE PROTECTION

DESCRIPTION
Ryanfire 802 is a high density rock fibre board coated on both faces with Ryanfire Mastic, an ablative fire resistant acrylic coating. The coating provides additional protection to the stone wool core and prevents the passage of hot gasses thereby reducing heat conduction.

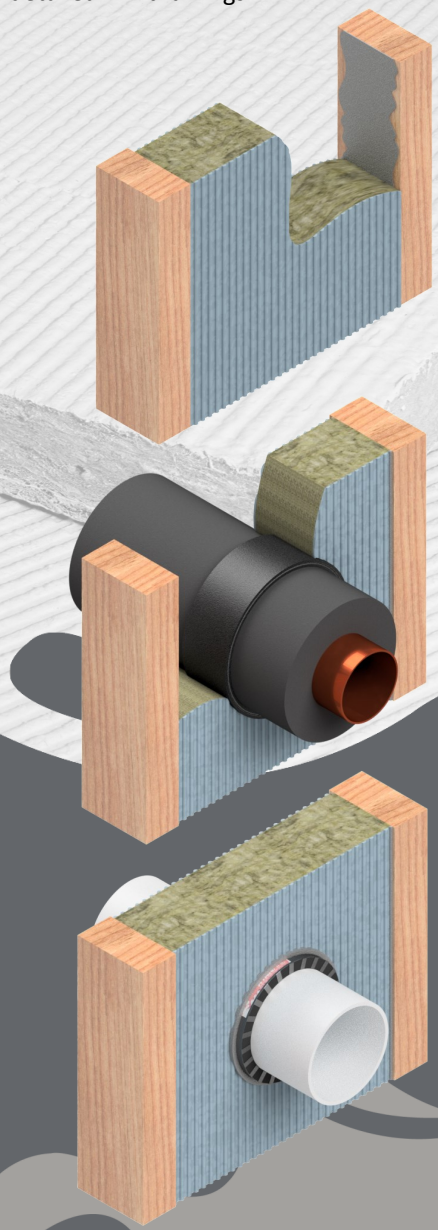
The 802 board must be used together with Ryanfire Mastic for sealing around penetrating services and supporting construction elements.


Ryanfire 802 Board

CERTIFICATION
Ryanfire 802 board has been tested and assessed in accordance with AS1530.4:2014 and AS4072.1:2005 at IANZ/NATA accredited laboratories, and in accordance with ISO 10140-2 for sound insulation at The University of Auckland.

APPLICATION
802 has been primarily designed for use within the Ryanfire Naked Wall system. At 80mm thick it fits perfectly into 90mm timber framing. The 802 board will upgrade the fire performance of timber framed walls.
The Ryanfire 802 board has also been tested with a range of service penetrations including Copper, uPVC, Polybutylene and cables.

Ryanfire 802 board is used in conjunction with other Ryanfire products. Please contact the technical department for specific and more detailed "V" drawings.



THERMAL PROPERTIES

THERMAL RESISTANCE		
PROPERTY	**VALUE**	**CERTIFICATION**
Thermal Conductivity in 10°C, λ10	0.039 W/mK	EN 14303: 2009 + A1:2013(EN 12667)
Dimensions and Tolerances	T5	EN 14303:2009 + A1:2013

MOISTURE PROPERTIES

WATER PERMEABILITY		
PROPERTY	**VALUE**	**CERTIFICATION**
Water Absorption, Short Term WS, Wp	≤ 1 kg/m²	EN 14303: 2009 + A1:2013(EN 1609)

ACOUSTIC PROPERTIES

INSTALLATION	VALUE	CERTIFICATION
90mm timber frame + 1 layer 13mm FR plasterboard	31dB	ISO717-1, ASTM E413-87

R-VALUE

Ryanfire 802 board	R2.05

PRODUCT DIMENSIONS
1000mm x 600mm x 80mm

FEATURES
- Tested to AS1530.4:2014
- Ryanfire Naked Wall System
- Easy to retro fit
- Up to 60 mins FRR

The information provided in this document is issued in good faith. As part of Ryanfire Products Ltd ongoing product development and testing, we reserve the right to modify product specifications without notice. Any drawings given are for illustrative purposes only. Ryanfire Products Ltd accepts no liability whatsoever for any loss, damage or injury arising from the misinterpretation or misuse of the information given

NEW ZEALAND MADE

For more information please contact Ryanfire
info@ryanfire.co.nz 09 443 0362