

DESCRIPTION

Ryanbatt 502 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.

Ryanbatt 502 must be used together with Ryanfire Mastic for sealing around penetrating services and supporting construction elements.

CERTIFICATION

Ryanspan has been tested at IANZ/NATA accredited laboratories, in accordance with the following standards:

| | |
|---------------|------------------------------|
| Fire | AS1530.4:2014, AS4072.1:2005 |
| Acoustic | ISO 10140-2 |
| Environmental | ASTM-B117:2011 |

APPLICATION

Ryanbatt 502 has been specifically designed to reinstate the fire performance of fire rated walls and floors breached by service penetrations. It can be used in a wide range of walls: masonry, concrete, plasterboard, KOROK®, CLT, unlined timber frame, and floors: concrete, composite, timber infill, CLT, PLT, FR plasterboard ceiling, and unlined timber frame.

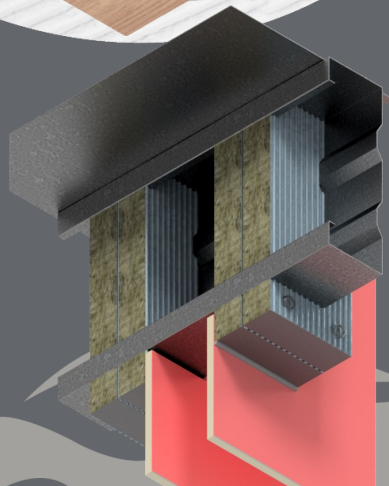
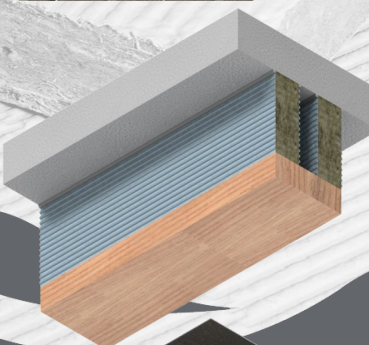
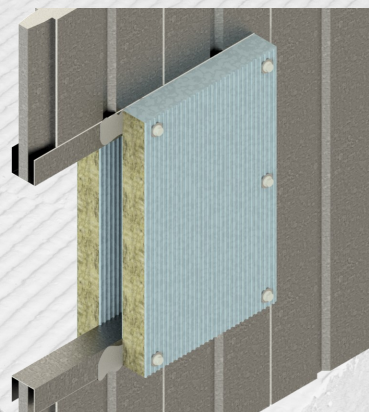
Ryanbatt is also used for the Ryanfire Naked Wall/Floor System.

PROPERTIES

| PROPERTY | VALUE | CERTIFICATION |
|---|-----------------------|------------------------------------|
| THERMAL RESISTANCE | | |
| 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 |
| WATER PERMEABILITY | | |
| Water Absorption, Short Term WS, Wp | ≤ 1 kg/m² | EN 14303: 2009 + A1:2013(EN 1609) |
| ACOUSTIC RATING | | |
| Composite STC (base wall 67, surface mount) | STC 57 | ISO 10140-2 |
| Composite STC (base wall 55, surface mount) | STC 54 | ISO 10140-2 |
| ENVIRONMENTAL | Pass | ASTM-B117 Salt Spray |
| R VALUE | R1.28 | |
| DENSITY (nominal) | 180kg/m³ | |
| DIMENSIONS | 1200mm x 600mm x 50mm | |



Ryanbatt 502 is used in conjunction with other Ryanfire products. Please contact the technical department for specific and more detailed "V" drawings.



FEATURES

- Tested to AS1530.4:2014
- Acoustic rated up to STC 57
- Easy to retro fit
- Up to 120 mins FRR