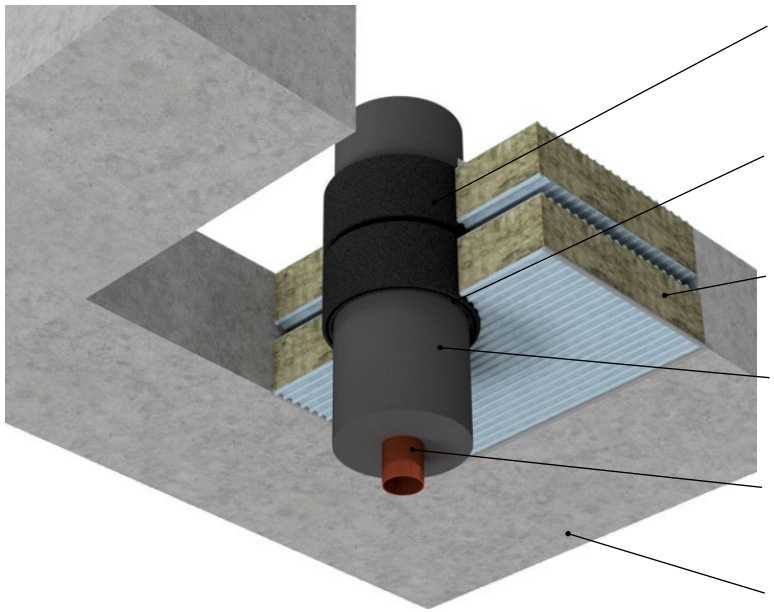
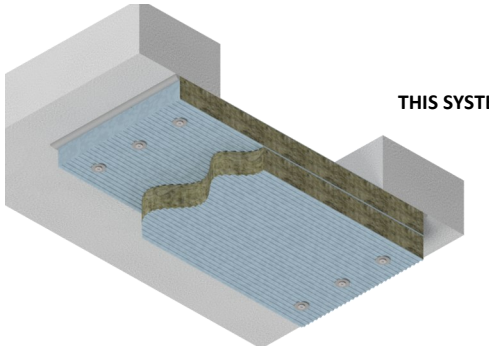
INSTALLATION INSTRUCTIONS

1. ENSURE THE APERTURE IS CLEAN AND FREE OF DUST AND DEBRIS
2. CUT THE RYANFIRE STRAP TO THE CORRECT LENGTH REQUIRED TO WRAP AROUND THE PIPE TO FORM 2 LAYERS.
3. POSITION THE RYANFIRE STRAP TO SIT FLUSH TO THE SURFACE OF THE FLOOR, ON BOTH SIDES OF THE FLOOR.
4. CUT THE RYANBATT 502 BOARD TO THE REQUIRED SIZE TO FIT TIGHTLY INTO THE APERTURE
5. CUT THE RYANBATT 502 BOARD TO FIT TIGHTLY AROUND THE INSULATED PIPE.
6. CUT THE RYANBATT ACROSS THE SHORTEST DIMENSION INCORPORATING THE MIDPOINT OF THE PENETRATION TO ENABLE THE BOARD TO BE FITTED INTO THE APERTURE.
7. APPLY RYANFIRE BRUSH GRADE MASTIC TO ALL THE INTERNAL EDGES OF THE APERTURE AND TO ALL THE CUT AND EXPOSED EDGES OF THE BOARD
8. INSERT THE RYANBATT INTO THE OPENING TO SIT FLUSH WITH EITHER SIDE OF THE FLOOR.
9. APPLY A 5MM BEAD OF RYANFIRE MASTIC TO THE PERIMETER OF THE RYANBATT, TO THE JUNCTION BETWEEN THE PIPE AND THE BOARD, AND TO ANY JOINTS AND GAPS.
10. REPEAT THIS PROCESS TO THE OPPOSITE SIDE OF THE FLOOR.





THIS SYSTEM MAY BE INSTALLED USING A PATTRESS FIT CONFIGURATION. PLEASE CONTACT RYANFIRE TECHNICAL SUPPORT FOR MORE INFORMATION.

Products: RYANBATT 502
RYANFIRE MASTIC
RYANFIRE STRAP

Approvals: AS 1530.4:2014/AS 4072.1:2005

BK: 26 / 33

Ref: PF 20102 / FAS 210123

ID: A, D / Table 72

Scenario: Penetration seal to nitrile rubber insulated copper pipes

Services: Up to Ø32mm copper pipe + 19-38mm thick nitrile rubber insulation

Construction: 120mm Concrete floor / PLT Floor

Fire Resistance:

Insulation	FRR
19mm	-/120/30
38mm	-/120/120

Web based drawings are for example only. Fire performance of any system is dependant on, but not limited to, size of opening, substrate, if penetrations are passing through, type, size and number. Please refer to Ryanfire technical department for detailed and specific fire performance information.

RYANFIRE PASSIVE FIRE PROTECTION

RYANFIRE Technical Support:
info@ryanfire.co.nz - Tel 09 443 0362

Drawing Title
Ryanbatt 502 to insulated copper pipes 120mm concrete floor

Scale	Date
NTS	March 2026

Drawing Number	Rev
V9.15	6.0