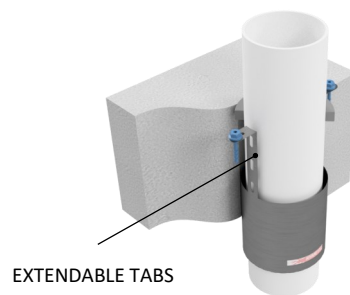
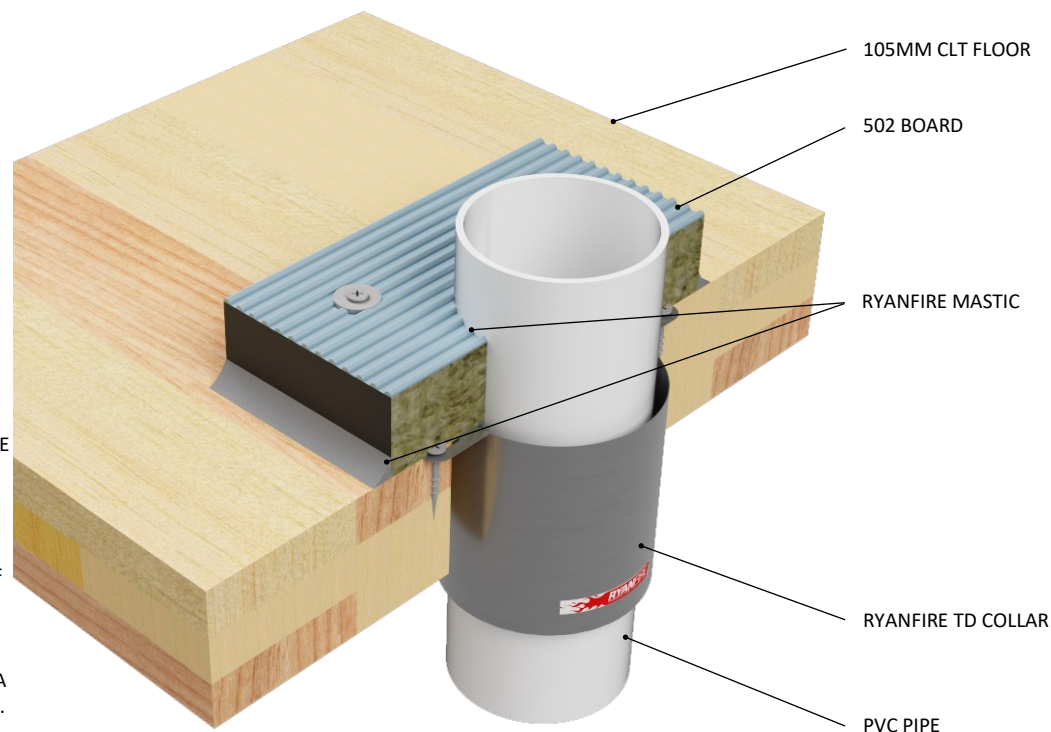


INSTALLATION INSTRUCTIONS

1. ENSURE THE APERTURE IS CLEAN AND FREE OF DUST AND DEBRIS.
2. SELECT THE CORRECT SIZE RYANFIRE TD COLLAR TO FIT AROUND THE PVC PIPE.
3. POSITION THE COLLAR AROUND THE PIPE AND SLIDE IT UNTIL IT IS UP AGAINST THE TOP OF THE FLOOR.
4. FIX THE COLLAR TO THE FLOOR WITH 10G X 50MM STEEL WASHER HEAD TIMBER SCREWS. ENSURE ALL FIXING POINTS ARE USED.
5. CUT THE RYANBATT 502 SO THAT IT OVERLAPS MINIMUM 50MM FROM THE EDGE OF THE APERTURE IN ALL DIRECTIONS, AND SO THAT IT FITS TIGHTLY AROUND THE PIPE.
6. CUT THE RYANBATT IN TWO PIECES, ACROSS THE SHORTEST DIMENSION, THROUGH THE MIDPOINT OF THE PENETRATION TO ALLOW IT TO BE FIXED INTO PLACE.
7. APPLY RYANFIRE BRUSH GRADE MASTIC TO THE AREA WHERE THE RYANBATT WILL MATE WITH THE FLOOR.
8. FIX THE 502 BOARD INTO THE FLOOR WITH 8G X 75MM PLASTERBOARD SCREWS AND PENNY WASHERS, 25MM FROM EACH CORNER OF EACH PIECE OF 502.
9. APPLY A NOMINAL 5MM BEAD OF RYANFIRE MASTIC TO THE JUNCTION BETWEEN THE 502 BOARD AND THE PIPE, AND TO THE JUNCTION BETWEEN THE BOARD AND THE FLOOR.
10. APPLY RYANFIRE MASTIC TO ANY CUT AND EXPOSED EDGES OF THE 502 BOARD, AND TO ANY JOINTS AND JUNCTIONS.
11. CLEAN UP ANY EXCESS SEALANT WITH A DAMP CLOTH.



On the underside of the substrate, the TD Collar may be exposed no more than 80mm, or be recessed no more than 10mm.

TD COLLAR SIZE	CORE HOLE DIAMETER
TD 100	Ø140-Ø142mm

Products:	RYANBATT 502 RYANFIRE TD COLLAR RYANFIRE MASTIC RYANFIRE BRUSH GRADE MASTIC
Approvals:	AS 1530.4/AS 4072.1
BK:	313
Ref:	24SFR00063
ID:	A
Scenario:	Penetration seal to PVC pipe
Services:	Ø100mm PVC pipe
Construction:	105mm Cross Laminated Timber (CLT) floor
Annular:	15 – 17mm
Aperture:	Ø142mm
Fire Integrity:	60 minutes
Fire Insulation:	60 minutes

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

Drawing Title
**Ryanbatt 502 & TD Collar to PVC pipe
105mm CLT floor**

Scale	NTS	Date	April 2025
Drawing Number	V25.37	Rev	1.0

All errors and omissions excepted. The information contained within this drawing is believed to be correct on the date of publication, and is based upon tested and certified solutions. The policy of **Ryanfire Products** is one of constant improvement. Installers must ensure that they are following the latest published drawings, test evidence and instructions. Whilst **Ryanfire Products** will endeavour to keep its publications up to date, the accuracy of the information contained within this drawing may be affected by pertinent changes in the law or regulatory requirements and alterations or amendments to the specification of the **manufactured** products. Terms and conditions of sale apply.

Ryanfire Products owns and has copyright to these drawings. They are to be used only for the purpose for which they were intended and supplied and are not to be sold, transferred or made available for use by a third party. Any misuse of these drawings will result in legal proceedings.