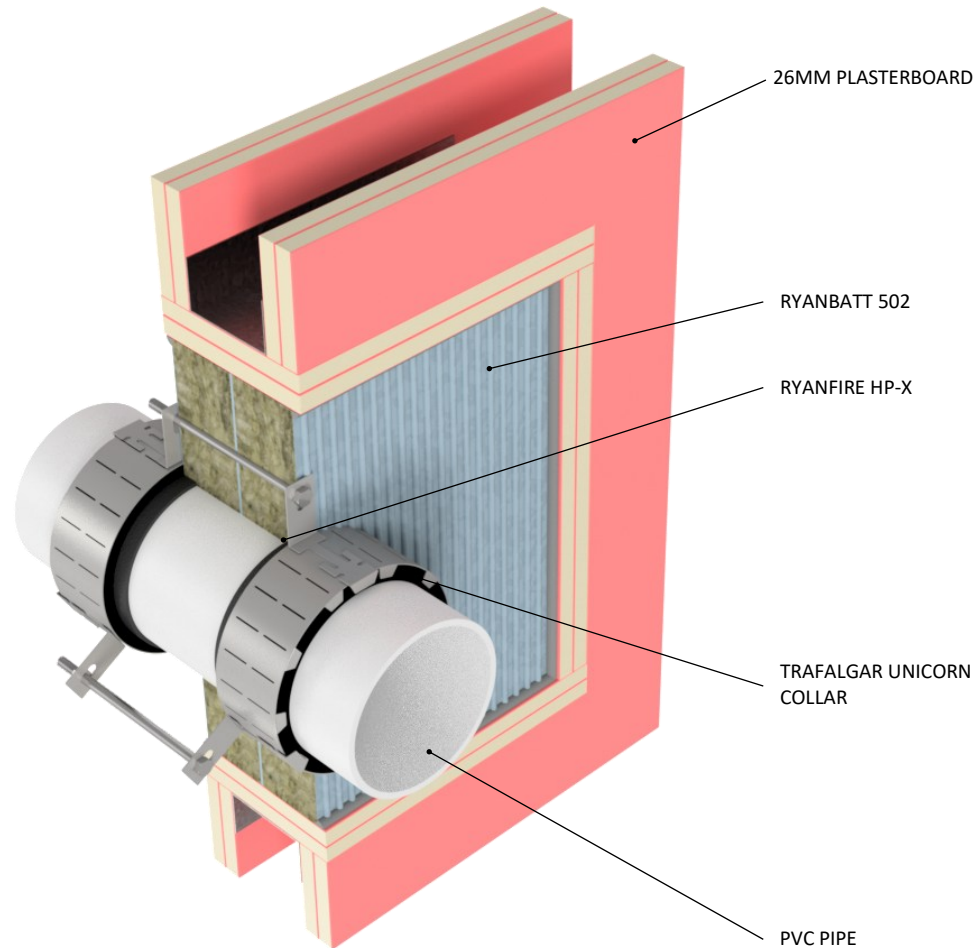


## INSTALLATION INSTRUCTIONS

1. ENSURE THE APERTURE IS CLEAN AND FREE OF DUST AND DEBRIS.
2. CUT THE RYANBATT 502 TO THE REQUIRED SIZE TO FIT TIGHTLY INTO THE FULLY LINED APERTURE.
3. CUT THE RYANBATT 502 TO FIT AROUND THE PVC PIPE. THE APERTURE MUST EQUAL THE PIPE DIAMETER PLUS THE ALLOWABLE 5 - 6MM ANNULAR GAP.
4. CUT THE RYANBATT ACROSS THE SHORTEST DIMENSION INCORPORATING THE MIDPOINT OF THE PENETRATION TO ENABLE THE BOARD TO BE FITTED INTO THE APERTURE.
5. APPLY RYANFIRE BRUSH GRADE MASTIC TO ALL THE INTERNAL EDGES OF THE APERTURE AND TO ALL THE EXPOSED & CUT EDGES OF THE RYANBATT.
6. INSERT THE RYANBATT INTO THE OPENING TO SIT CENTRALLY WITHIN THE PLANE OF THE WALL. APPLY MASTIC TO THE FACE OF THE 502 WHERE IT WILL JOIN WITH THE OTHER.
7. APPLY RYANFIRE HP-X INTO THE ANNULAR GAP BETWEEN THE PIPE AND THE RYANBATT TO A DEPTH OF 10MM, ON EACH SIDE OF THE WALL.
8. APPLY A NOMINAL 5MM BEAD OF RYANFIRE MASTIC TO THE PERIMETER OF THE RYANBATT AND TO ANY JOINTS AND GAPS.
9. MEASURE AND CUT THE CORRECT LENGTH OF UNICORN COLLAR TO FIT AROUND THE PIPE, ON BOTH SIDES OF THE WALL.
10. SECURE THE COLLAR AROUND THE PIPE ON EACH SIDE OF THE WALL USING A MOUNTING BRACKET, ATTACH ADDITIONAL BRACKETS AS REQUIRED, SPACED EQUALLY AROUND THE COLLAR.
11. SLIDE THE COLLAR UP AGAINST THE 502 BOARD, LINE THE BRACKETS UP, AND SECURE INTO PLACE USING M6 X 120MM BOLTS. THE BOLTS SHOULD CONNECT TO THE MATCHING BRACKETS ON BOTH SIDES OF THE WALL.



<b>Products:</b>	<b>TRAFALGAR UNICORN RYANBATT 502 RYANFIRE HP-X RYANFIRE MASTIC RYANFIRE BRUSH GRADE MASTIC</b>
<b>Approvals:</b>	<b>AS 1530.4:2014/AS 4072.1:2005</b>
<b>BK:</b>	<b>323</b>
<b>Ref:</b>	<b>24SFR00068</b>
<b>ID:</b>	<b>7 - 11</b>
<b>Scenario:</b>	Penetration seal to PVC pipes
<b>Services:</b>	Up to Ø100mm PVC pipes
<b>Construction:</b>	116mm FR plasterboard / Masonry / KOROK® wall
<b>Annular:</b>	5-6mm
<b>Fire Integrity:</b>	120 minutes
<b>Fire Insulation:</b>	120 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.

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Drawing Title

**UniCORN, Ryanbatt 502, HP-X to PVC pipes - 116mm plasterboard wall**

Date	<b>May 2026</b>	Scale	<b>NTS</b>
Drawing Number	<b>TF10.06</b>	Rev	<b>1.0</b>

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