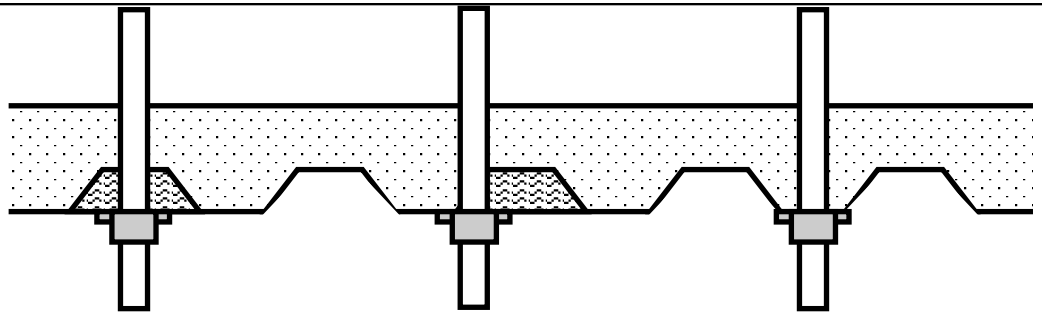

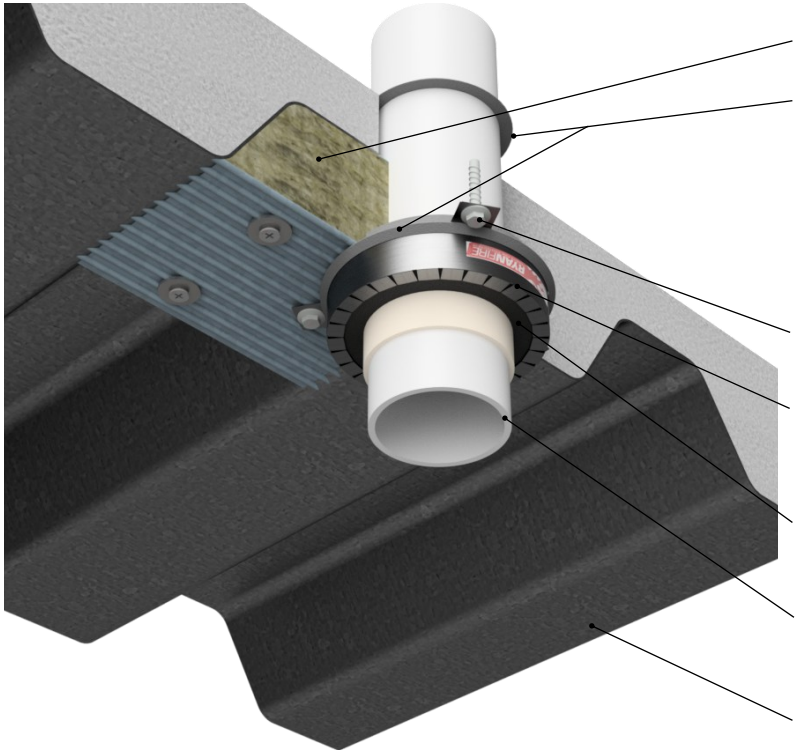

INSTALLATION INSTRUCTIONS

1. ENSURE THE APERTURE IS CLEAN, FREE OF DUST AND DEBRIS.
2. CUT THE RYANBATT TO THE CORRECT SIZE TO FILL THE TRAPEZOIDAL PROFILE. ENSURE THE RYANBATT EXTENDS 100MM EITHER SIDE OF THE CORED APERTURE.
3. APPLY RYANFIRE BRUSH GRADE MASTIC TO WHERE THE RYANBATT WILL MATE WITH THE SURFACE OF THE FLOOR, AND TO ALL CUT AND EXPOSED EDGES OF THE RYANBATT.
4. SECURE RYANBATT INTO POSITION USING 75/100MM CONCRETE ANCHORS AND PENNY WASHERS 50MM FROM EACH EDGE AND AT CENTRES NOT EXCEEDING 200MM.
5. SEAL ANY GAPS AND JOINTS WITH RYANFIRE BRUSH GRADE MASIC.
6. APPLY RYANFIRE MASTIC TO THE JUNCTION BETWEEN THE PVC PIPE AND THE FLOOR / RYANBATT ON BOTH SIDES OF THE FLOOR.
7. SELECT THE CORRECT SIZE SL COLLAR AND FIT IT AROUND THE PIPE.
8. SLIDE THE COLLAR ALONG THE PIPE UNTIL IT IS UP AGAINST THE UNDERSIDE OF THE FLOOR / RYANBATT.
9. FIX THE RYANFIRE SL COLLAR INTO POSITION USING A COMBINATION OF:
   A. MINIMUM 32MM CONCRETE ANCHORS AND PENNY WASHERS FOR THE FLOOR PROFILE PEAKS.
   B. MINIMUM 75/100MM CONCRETE ANCHORS AND PENNY WASHERS FOR THE FLOOR PROFILE TROUGHS.
10. FIXINGS MUST HAVE A MINIMUM 25MM EMBEDMENT INTO THE CONCRETE.
11. APPLY A NOMINAL 5MM BEAD OF RYANFIRE MASTIC TO THE JUNCTION BETWEEN THE SL COLLAR AND THE FLOOR / RYANBATT.
12. APPLY RYANFIRE HP-X INTO THE ANNULAR GAP BETWEEN THE COLLAR AND THE PIPE TO THE FULL DEPTH OF THE COLLAR.

Products:	**RYANBATT 502 / 802** **RYANFIRE SL COLLAR** **RYANFIRE HP-X** **RYANFIRE MASTIC** **RYANFIRE BRUSH GRADE MASTIC**
Approvals:	**AS 1530.4:2014/AS 4072.1:2005**
BK:	**134 / 348**
Ref:	**22SFR00027 / 25SFR00030**
ID:	**G, H / G, H**
Scenario:	Penetration seal to PVC pipes + socket joint
Construction:	125mm - 170mm composite floor
Services:	Up to Ø100mm PVC pipes + socket joint

Fire Resistance:

Floor thickness	125mm	170mm
Ryanbatt	502	802
Fixings	32mm, 75mm	32mm, 100mm
FRR	-/90/90	-/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

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Drawing Title

SL Collar & Ryanbatt to PVC pipes + socket
125 - 170mm Composite floor

Scale	Date
NTS	**June 2026**

Drawing Number	Rev
V23.19	**3.0**

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