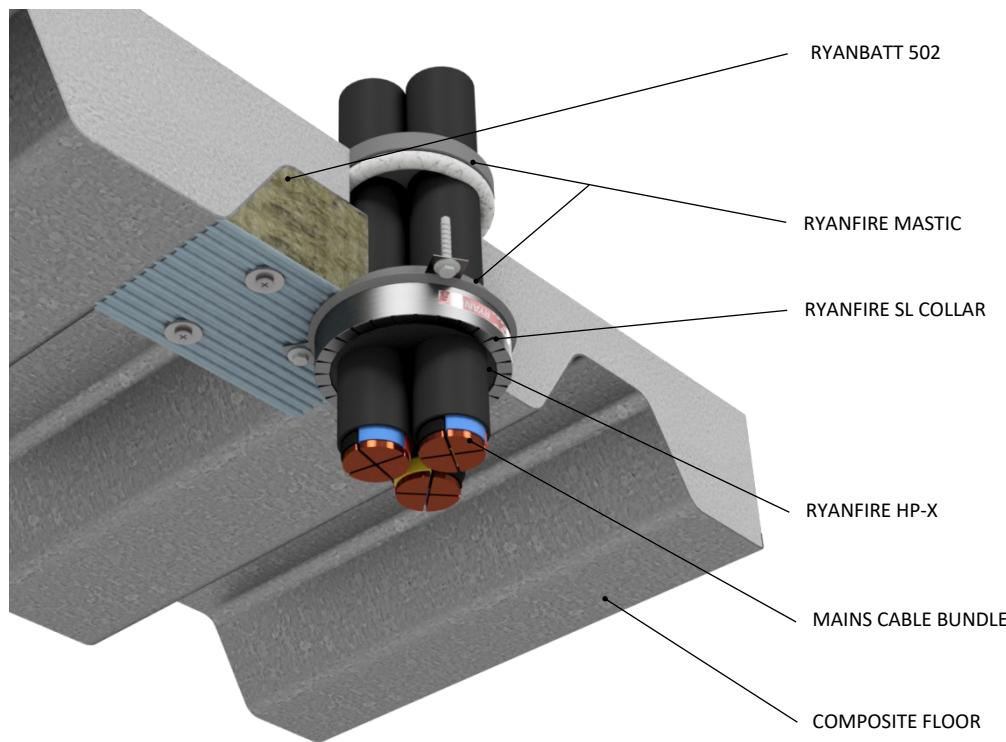
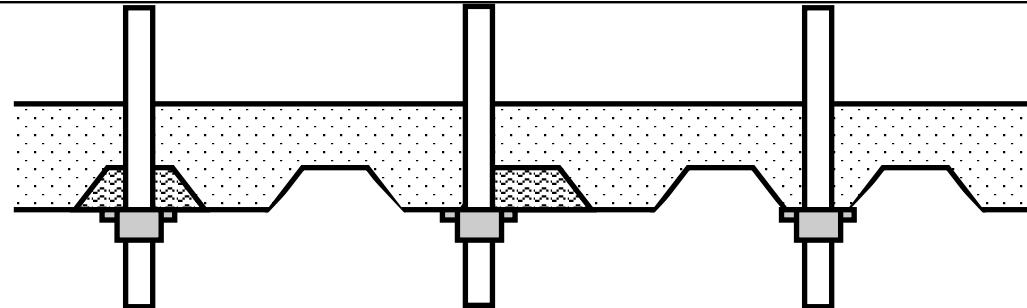


## INSTALLATION INSTRUCTIONS

1. ENSURE THE APERTURE IS CLEAN, FREE OF DUST AND DEBRIS.
2. CUT THE RYANBATT 502 TO THE CORRECT SIZE TO FILL THE TRAPEZOIDAL PROFILE. ENSURE THE RYANBATT EXTENDS 100MM EITHER SIDE OF THE CORED APERTURE.
3. APPLY A BEAD RYANFIRE MASTIC TO WHERE THE RYANBATT WILL MATE WITH THE SURFACE OF THE FLOOR. APPLY BRUSH GRADE MASTIC TO ALL CUT AND EXPOSED EDGES OF THE RYANBATT.
4. SECURE RYANBATT 502 INTO POSITION USING 75MM CONCRETE ANCHORS AND PENNY WASHERS 50MM FROM THE EDGE AND AT CENTRES NOT EXCEEDING 200MM.
5. SEAL ANY GAPS AND JOINTS WITH RYANFIRE BRUSH GRADE MASIC.
6. APPLY 10MM DEEP BEAD OF RYANFIRE MASTIC TO THE JUNCTION BETWEEN THE CABLE BUNDLE AND THE TOP OF THE FLOOR. USE PEF ROD TO REGULATE THE SEALANT DEPTH.
7. SELECT THE CORRECT SIZE SL COLLAR AND FIT IT AROUND THE PIPE.
8. SLIDE THE COLLAR ALONG THE PIPE UNTIL IT IS HARD UP AGAINST THE UNDERSIDE OF THE FLOOR / RYANBATT 502.
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 75MM CONCRETE ANCHORS AND PENNY WASHERS FOR THE FLOOR PROFILE TROUGHS.
10. FIXINGS MUST HAVE A MINIMUM 25MM EMBEDMENT INTO THE CONCRETE.
11. APPLY HP-X INTO THE ANNULAR GAP BETWEEN THE COLLAR AND THE CABLES, TO THE FULL DEPTH OF THE COLLAR.
12. APPLY A NOMINAL 5MM BEAD OF RYANFIRE MASTIC TO THE JUNCTION BETWEEN THE SL COLLAR AND THE FLOOR / RYANBATT.



Products:	RYANBATT 502 RYANFIRE SL COLLAR RYANFIRE HP-X RYANFIRE MASTIC RYANFIRE BRUSH GRADE MASTIC AS 1530.4/AS 4072.1
Approvals:	
BK:	186
Ref:	22SFR00076
ID:	C
Scenario:	Penetration seal to power cable bundle
Construction:	125mm composite floor
Services:	Up to Ø100mm cable bundle: 3 x Ø30mm mains cable
Fire Integrity:	60 minutes
Fire Insulation:	45 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  
**SL Collar & HP-X to mains cable bundle**  
**125mm composite floor**

Scale	NTS	Date	July 2024
Drawing Number	V29.42	Rev	2.0

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