19MM
FR PLASTERBOARD

RYANBATT 502

RYANFIRE MASTIC

RYANFIRE HP-X
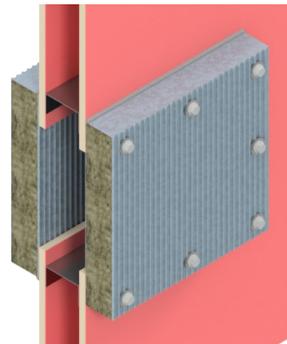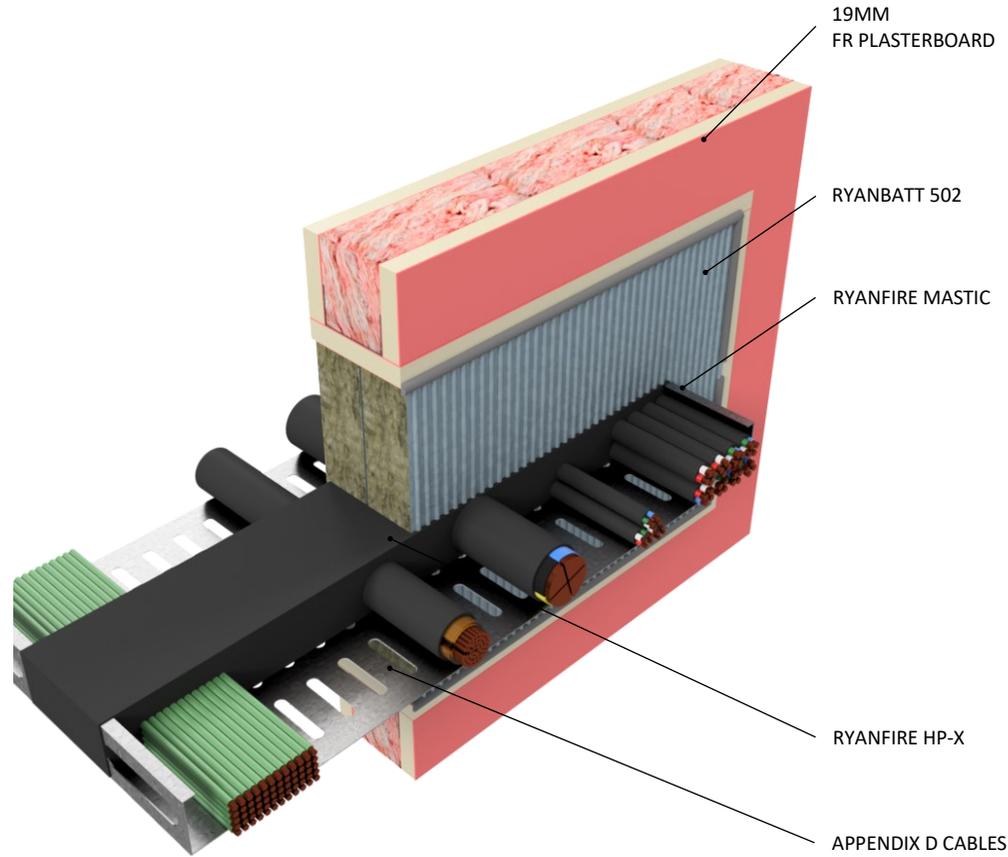
APPENDIX D CABLES

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, AND AROUND THE CABLE PENETRATION.

3. CUT THE RYANBATT ACROSS THE SHORTEST DIMENSION, THROUGH THE MIDPOINT OF THE PENETRATION, TO ALLOW IT TO BE FIXED INTO PLACE.

4. APPLY RYANFIRE BRUSH GRADE MASTIC TO ALL THE INTERNAL EDGES OF THE APERTURE AND TO ALL THE CUT AND EXPOSED EDGES OF THE RYANBATT.

5. INSERT THE FIRST LAYER OF RYANBATT INTO THE OPENING TO SIT FLUSH WITH THE SURFACE OF THE WALL.

6. APPLY RYANFIRE MASTIC TO THE FACE OF THE BOARD AND INSTALL THE SECOND LAYER OF 502 ONTO THE FIRST LAYER. STAGGER ANY JOINTS BETWEEN THE LAYERS BY MINIMUM 200MM.

7. APPLY RYANFIRE HP-X INTO THE GAPS BETWEEN THE CABLES, AND INTO THE GAP BETWEEN THE TOP OF THE CABLE TRAY AND THE 502 BOARD, TO THE FULL DEPTH OF THE BOARD (100MM).

8. APPLY RYANFIRE MASTIC TO THE JOINT BETWEEN THE 502 BOARD AND THE OUTSIDES & BOTTOM OF THE CABLE TRAY.

9. APPLY A 5MM BEAD OF RYANFIRE MASTIC TO THE PERIMETER OF THE RYANBATT AND TO ANY OTHER JOINTS AND GAPS.

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

Products:	**RYANBATT 502**
	RYANFIRE MASTIC
	RYANFIRE HP-X
Approval:	**AS 1530.4/AS 4072.1**
BK:	**239**
Ref:	**23SFR00073**
ID:	**A, B**
Scenario:	Penetration seal to AS1530.4 Appendix D cable bundles on a 450mm cable tray
Services:	D1 cable configuration D2 cable configuration
Construction:	102mm FR plasterboard / Masonry wall
Fire Integrity:	120 minutes
Fire Insulation:	30 minutes

NOTE : THE CABLE TRAY MUST BE SUPPORTED ON BOTH SIDES OF THE WALL, NO MORE THAN 450MM AWAY FROM THE WALL.

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
Ryanbatt 502, HP-X & to 450mm cable tray 102mm plasterboard wall

| Scale | Date |
| **NTS** | **July 2024** |

| Drawing Number | Rev |
| **V27.18** | **2.0** |