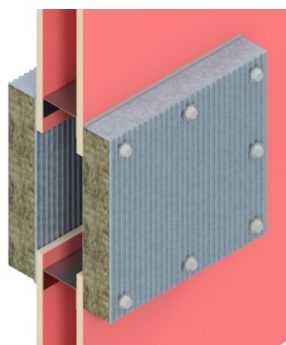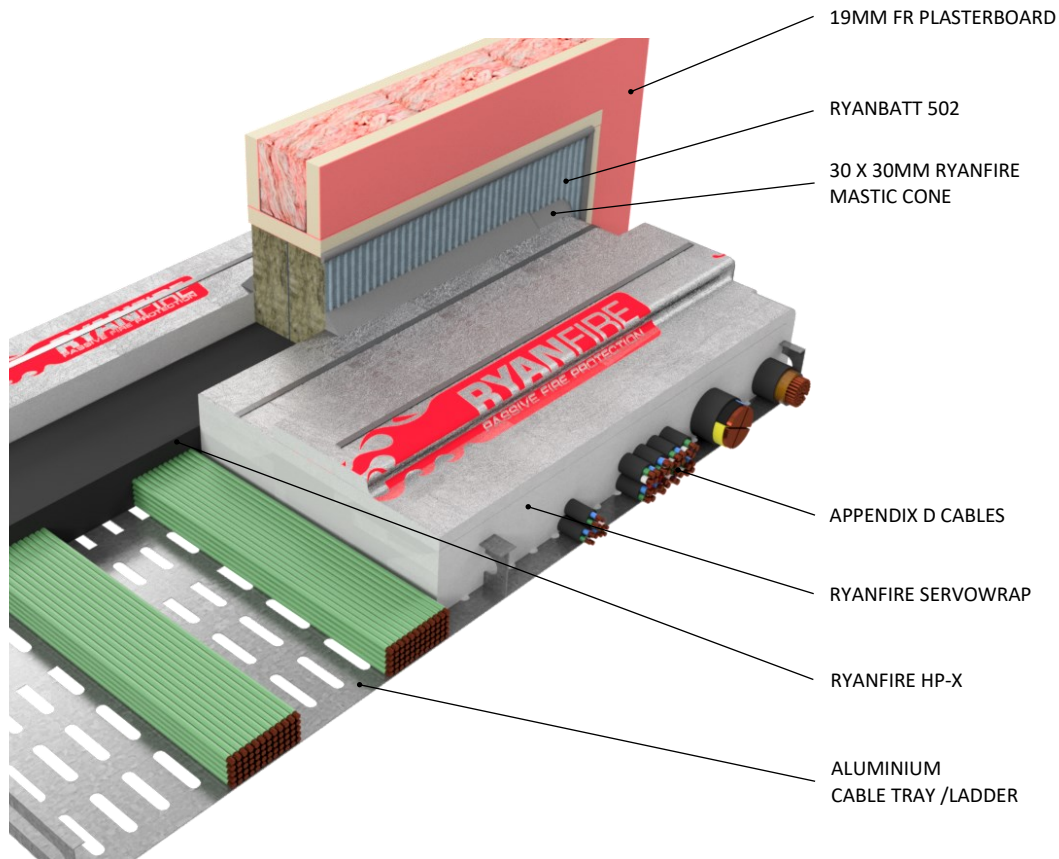## INSTALLATION INSTRUCTIONS

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

9. WRAP 1 LAYER OF 300MM WIDE RYANFIRE SERVOWRAP AROUND THE CABLE TRAY WITH A MIN 100MM OVERLAP AT THE END OF THE LOOP. PRESS THE SERVOWRAP UP AGAINST THE SURFACE OF THE RYANBATT 502. WRAP AN ADDITIONAL LAYER OF SERVOWRAP, WITH A 100MM OVERLAP OVER THE FIRST LAYER, SO THAT THE SERVOWRAP EXTENDS 500MM FROM THE SURFACE OF THE 502 BOARD.

10. PACK OUT ANY GAPS ALONG THE TOP OF THE CABLE TRAY WITH ADDITIONAL LAYERS OF SERVOWRAP.

11. SECURE THE SERVOWRAP AROUND THE CABLE TRAY USING STEEL CABLE TIES 50MM FROM EACH END AND 1 NOMINALLY IN THE CENTRE.

12. APPLY A 30 X 30MM CONE OF RYANFIRE MASTIC TO THE JOINT BETWEEN THE SERVOWRAP AND THE RYANBATT.

13. REPEAT STEPS 9 - 12 ON BOTH SIDES OF THE WALL.

14. SEAL ANY EXPOSED EDGES OF THE SERVOWRAP WITH FOIL TAPE.

- 19MM FR PLASTERBOARD
- RYANBATT 502
- 30 X 30MM RYANFIRE MASTIC CONE
- APPENDIX D CABLES
- RYANFIRE SERVOWRAP
- RYANFIRE HP-X
- ALUMINIUM CABLE TRAY /LADDER

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