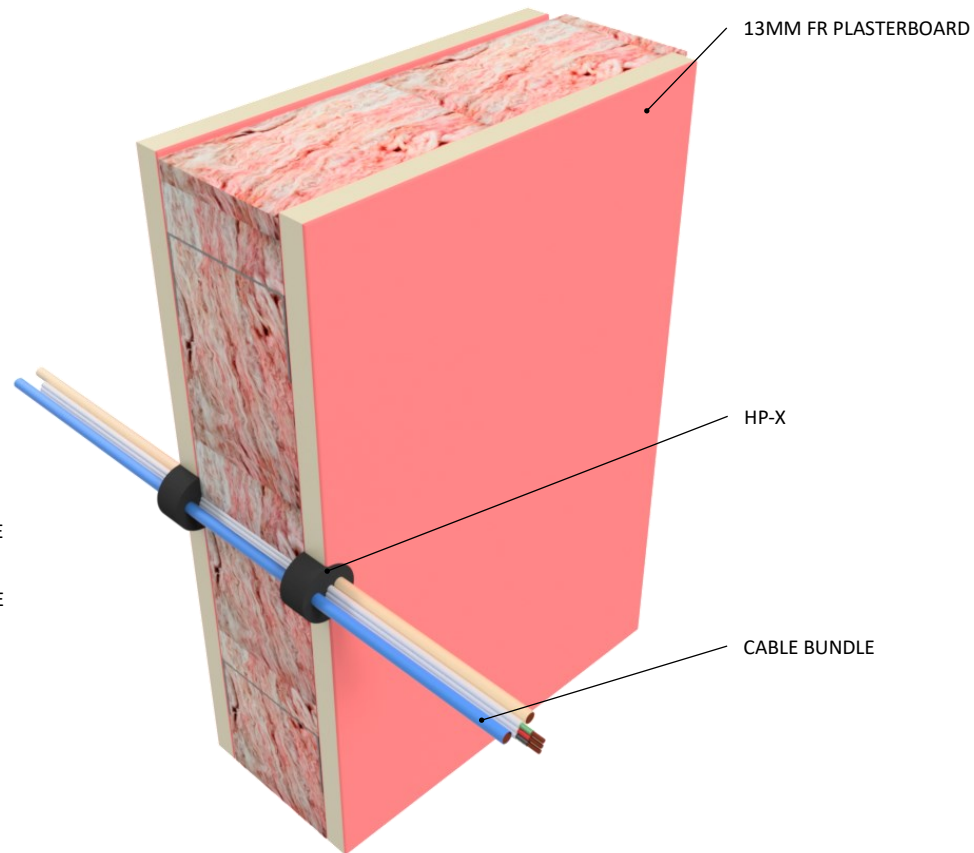


INSTALLATION INSTRUCTIONS

1. ENSURE THE APERTURE IS CLEAN AND FREE OF DUST AND DEBRIS.
2. APPLY RYANFIRE HP-X INTO THE ANNULAR GAP BETWEEN THE CABLE BUNDLE AND THE WALL TO THE FULL DEPTH OF THE PLASTERBOARD.
3. REPEAT THIS PROCESS ON THE OPPOSITE SIDE OF THE WALL.
4. CLEAN ANY EXCESS SEALANT WITH A DAMP CLOTH.



Products: RYANFIRE HP-X
Approvals: AS 1530.4/AS 4072.1
BK: 294 / 320
Ref: 24SFR00003 / 25SFR00006
ID: B, C, G / D, E

Scenario: Penetration seal to small cable bundles

Services: TPS / Data / Optical cables

Construction: 90 - 110mm FR plasterboard / Masonry wall

Wall : Min 90mm thick
Plasterboard : Min 13mm

Cables	Aperture	Annular	FRR
Up to 3x TPS	Max Ø32mm	5mm	-/60/30
Up to 3x Data		5mm	-/60/60
Up to 8x Optical		5mm	-/60/60

Wall : Min 110mm thick
Plasterboard : Min 10mm

Cables	Aperture	Annular	FRR
Up to 2x TPS	Max Ø18mm	1-9mm	-/30/30
Up to 2x Data		0-11mm	-/30/30

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 Technical Support:
info@ryanfire.co.nz - Tel 09 443 0362

Drawing Title

**Ryanfire HP-X to small cable bundle
90 - 110mm plasterboard wall**

Scale

NTS

Date

October 2025

Drawing Number

V26.8

Rev

2.0

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