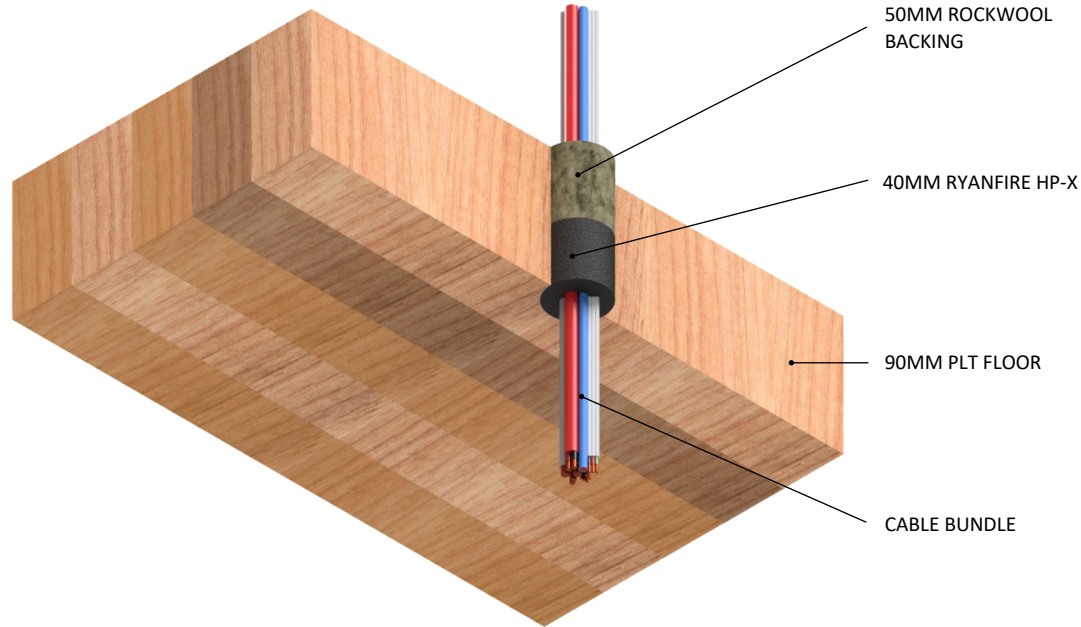


INSTALLATION INSTRUCTIONS

1. ENSURE THE APERTURE IS CLEAN AND FREE OF ANY DUST AND DEBRIS.
2. TIE THE CABLES TOGETHER TO FORM A TIGHT CABLE BUNDLE.
3. INSERT A 50MM DEEP ROCKWOOL BACKING INTO THE ANNULAR GAP AROUND THE CABLE BUNDLE.
4. APPLY RYANFIRE HP-X TO A DEPTH OF 40MM INTO THE ANNULAR GAP AND IN BETWEEN THE CABLES IN THE BUNDLE. ENSURE THE GAP IS COMPLETELY FILLED.
5. REMOVE ANY EXCESS HP-X WITH A DAMP CLOTH.



Products:	RYANFIRE HP-X
Approval:	AS 1530.4/4072.1
BK:	87
Ref:	PF 20061
ID:	Q
Scenario:	Penetration seal to cable bundles
Services:	Up to Ø30mm mixed cable bundle TPS, Data, Fire Alarm, Glass fibre, Optical, D2
Annular:	3-10mm
Construction:	90mm PLT floor
Fire Integrity:	60 minutes
Fire Insulation:	30 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.



Client

Job Title

Drawing Title
**Ryanfire HP-X to cable bundle
 Parallel Laminated Timber floor**

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