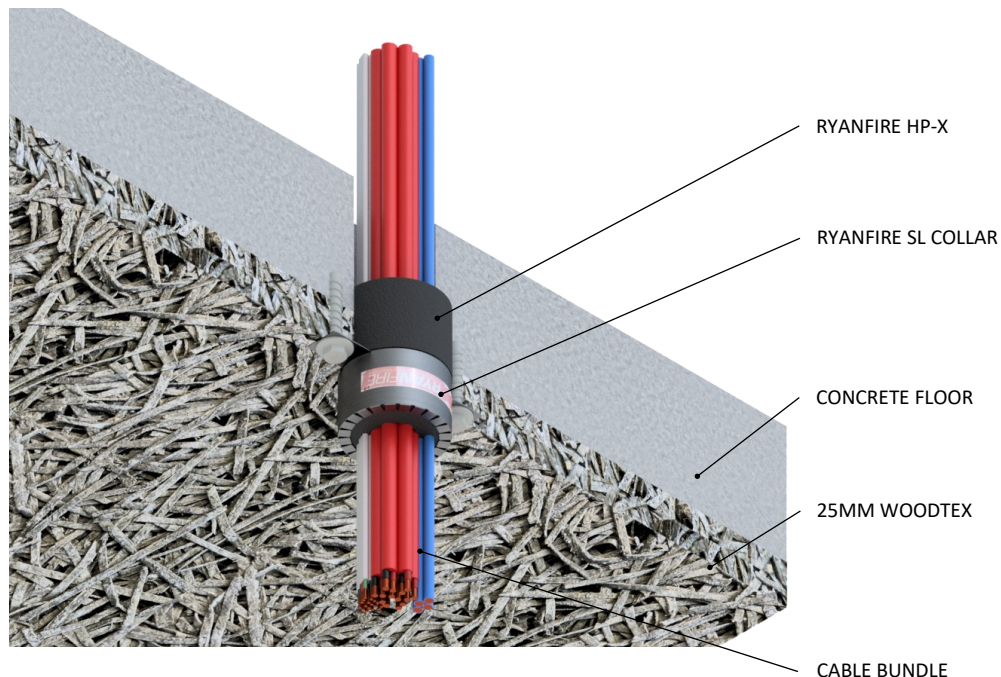


### INSTALLATION INSTRUCTIONS

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 CONCRETE TO A DEPTH OF 20MM
3. APPLY RYANFIRE HP-X INTO THE ANNULAR GAP BETWEEN THE CABLE BUNDLE AND THE WOODTEX TO THE FULL DEPTH OF THE WOODTEX (25MM).
4. SELECT THE CORRECT SIZE RYANFIRE SL COLLAR TO FIT AROUND THE CABLE BUNDLE.
5. FIT THE SL COLLAR AROUND THE BUNDLE AND SLIDE IT UP UNTIL IT IS FLUSH WITH THE BOTTOM SURFACE OF THE WOODTEX.
6. SECURE THE SL COLLAR TO THE FLOOR WITH 50MM CONCRETE ANCHORS. ENSURE ALL FIXING POINTS ARE USED AND THE ANCHOR BOLTS ACHIEVE A MINIMUM OF 25MM EMBEDMENT INTO THE CONCRETE.
7. APPLY RYANFIRE HP-X INTO ANY GAPS BETWEEN THE CABLE BUNDLE AND THE SL COLLAR (30MM).



<b>Products:</b>	<b>RYANFIRE SL COLLAR</b> <b>RYANFIRE HP-X</b>
<b>Approvals:</b>	<b>AS 1530.4/AS 4072.1</b>
<b>BK:</b>	<b>91</b>
<b>Ref:</b>	<b>PF 20106</b>
<b>ID:</b>	<b>D</b>
<b>Scenario:</b>	Penetration seal to mixed cable bundle
<b>Services:</b>	Up to Ø40mm mixed cable bundle: TPS, Fire alarm, Optical, CAT6
<b>Construction:</b>	Minimum 140mm concrete floor + 25mm Woodtex panelling
<b>Fire Integrity:</b>	60 minutes
<b>Fire Insulation:</b>	60 minutes

Web based drawings are for example only. Fire performance of any system is dependant on, but not limited to the size of opening, substrate, if penetrations are passing through, type, and number. Please refer to Ryanfire technical department for detailed and specific fire performance information.



Client

Job Title

Drawing Title

### Ryanfire SL Collar to cable bundle Concrete + Woodtex floors

Scale	NTS	Date	December 2020
Sheet Size	A3	Drawn By	
Drawing Number	V29.19	Rev	1.0

Please note:  
Ryanfire Products Ltd owns and has copyright in these drawings. They are to be used only for the purpose for which they were intended and supplied and are not to be sold, transferred or made available for use by a third party.

Any misuse of these drawings will result in legal proceedings.

All errors and omissions excepted - the information contained within this drawing is believed to be correct on the date of publication, and is based upon tested and certified solutions. The policy of **RyanFire Products Ltd** is one of constant improvement. Installers must therefore ensure that they are following the latest published drawings, test evidence and instructions. Whilst **RyanFire Products Ltd** will endeavour to keep its publications up to date, the accuracy of the information contained within this drawing may be affected by pertinent changes in the law or regulatory requirements and alterations or amendments to the specification of the **manufactured** products. Terms and conditions of sale apply.

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