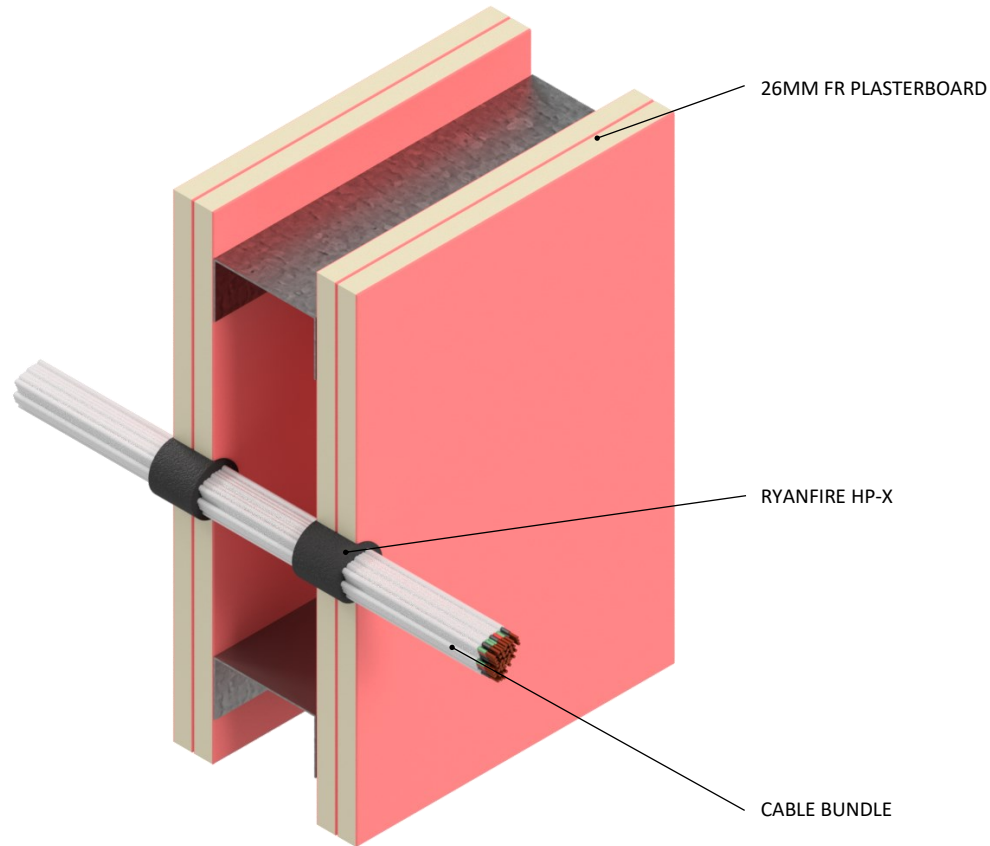


**INSTALLATION INSTRUCTIONS**

1. ENSURE THE APERTURE IS CLEAN AND FREE OF DUST AND DEBRIS.
2. APPLY RYANFIRE HP-X INTO THE APERTURE AROUND THE CABLES TO THE FULL DEPTH OF THE PLASTERBOARD (26MM)
3. CLEAN ANY EXCESS HP-X USING A DAMP CLOTH.
4. REPEAT THIS PROCESS ON THE OPPOSITE SIDE OF THE WALL.



<b>Products:</b>	<b>RYANFIRE HP-X</b>
<b>Approval:</b>	<b>AS 1530.4/AS 4072.1</b>
<b>BK:</b>	<b>15 / 58</b>
<b>Ref:</b>	<b>PF 20094 / FRT 190080.2</b>
<b>ID:</b>	<b>A, B / A, B</b>
<b>Scenario:</b>	Penetration seal to cable bundle
<b>Services:</b>	Up to Ø35mm cable bundle : 16 TPS cables or 17 CAT6 cables
<b>Construction:</b>	116mm FR plasterboard / Masonry wall
<b>Annular:</b>	3-20mm
<b>Max Aperture:</b>	Ø60mm
<b>Fire Integrity:</b>	120 minutes } TPS cables
<b>Fire Insulation:</b>	60 minutes }
<b>Fire Integrity:</b>	120 minutes } CAT6 cables
<b>Fire Insulation:</b>	120 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  
 116mm plasterboard wall**

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Scale	NTS	Date	July 2024
Sheet Size	A3	Drawn By	
Drawing Number	V36.7	Rev	3.0