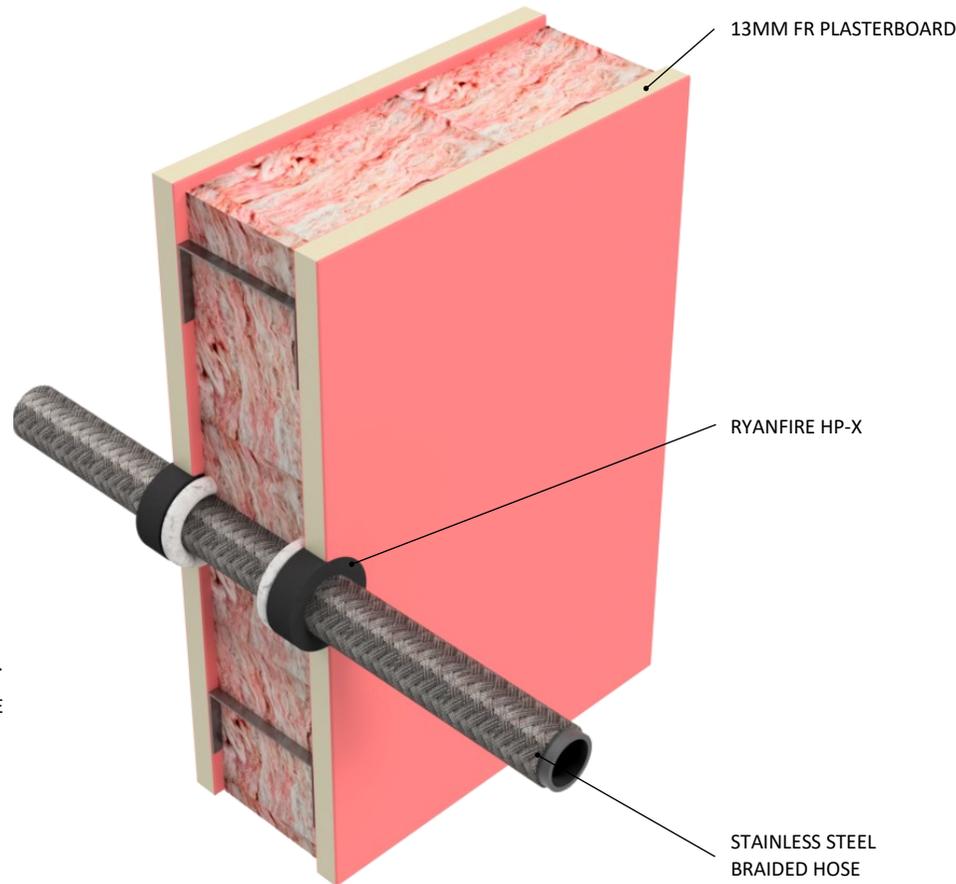


**INSTALLATION INSTRUCTIONS**

1. ENSURE THE APERTURE IS CLEAN AND FREE OF DUST AND DEBRIS.
2. INSERT PEF BACKING ROD INTO THE ANNULAR GAP BETWEEN THE PIPE AND THE WALL.
3. ENSURE THE ANNULAR GAP IS 15MM (NOMINALLY) WIDE.
4. APPLY RYANFIRE HP-X INTO THE ANNULAR GAP BETWEEN THE PIPE AND THE WALL TO THE FULL DEPTH OF THE PLASTERBOARD (13MM).
5. REMOVE ANY EXCESS SEALANT WITH A DAMP CLOTH.
6. REPEAT THIS PROCESS ON THE OPPOSITE SIDE OF THE WALL.



<b>Products:</b>	<b>RYANFIRE HP-X</b>
<b>Approvals:</b>	<b>AS 1530.4/AS 4072.1</b>
<b>BK:</b>	<b>218</b>
<b>Ref:</b>	<b>23SFR00036</b>
<b>ID:</b>	<b>F</b>
<b>Scenario:</b>	Penetration seal to stainless steel braided hose
<b>Services:</b>	Up to Ø25mm stainless steel hose
<b>Construction:</b>	90mm FR plasterboard wall
<b>Aperture:</b>	Max Ø67mm
<b>Annular:</b>	15mm
<b>Fire Integrity:</b>	60 minutes
<b>Fire Insulation:</b>	15 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.



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Drawing Title  
**Ryanfire HP-X to steel braided hose  
90mm plasterboard wall**

Scale	Date
<b>NTS</b>	<b>July 2024</b>

Drawing Number	Rev
<b>V20.37</b>	<b>2.0</b>

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