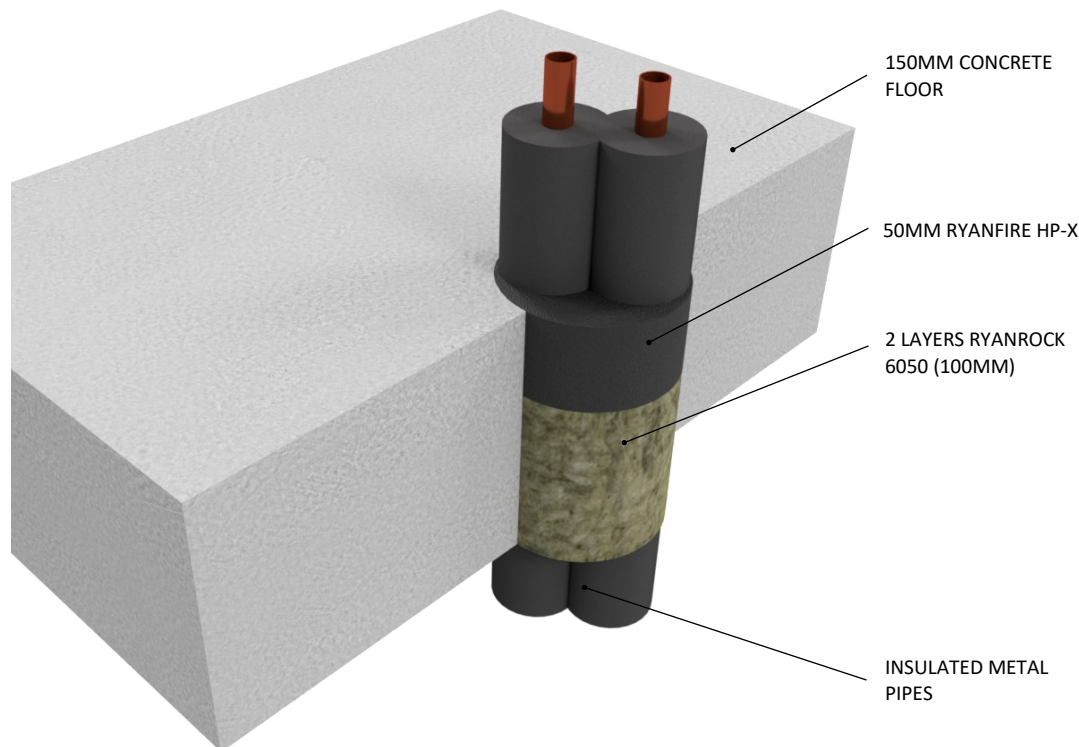


INSTALLATION INSTRUCTIONS

1. ENSURE THE APERTURE IS CLEAN AND FREE OF ANY DUST AND DEBRIS.
2. INSERT 2 LAYERS OF 50MM THICK RYANROCK 6050 INTO THE ANNULAR GAP AROUND THE PIPES, WITH THE FIRST LAYER FLUSH TO THE UNDERSIDE OF THE FLOOR.
3. APPLY RYANFIRE HP-X TO A DEPTH OF 50MM INTO THE ANNULAR GAP BETWEEN THE INSULATED PIPES AND THE CONCRETE FLOOR. ENSURE THE GAP IS COMPLETELY FILLED UNTIL FLUSH WITH THE TOP SURFACE OF THE FLOOR.
4. REMOVE ANY EXCESS HP-X WITH A DAMP CLOTH.



Products:	RYANFIRE HP-X RYANROCK 6050
Approval:	AS 1530.4/4072.1
BK:	207
Ref:	23SFR00007
ID:	E
Scenario:	Penetration seal to nitrile rubber insulated copper / steel pipes
Services:	Up to 2 x Ø15mm copper pipes with 19mm nitrile rubber insulation
Annular:	12-25mm
Construction:	150mm concrete floor
Fire Integrity:	90 minutes
Fire Insulation:	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
**Ryanrock & HP-X to insulated copper pipe
150mm concrete floor**

Scale	NTS	Date	July 2024
Drawing Number	V29.45	Rev	3.0

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