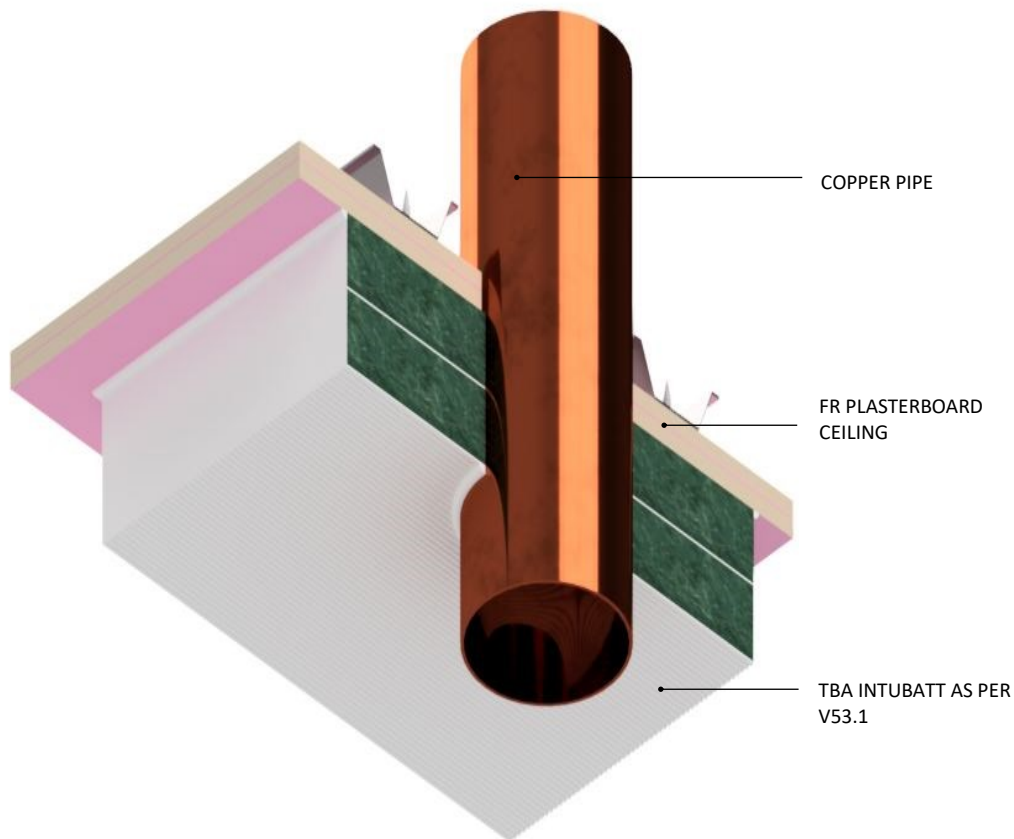


## INSTALLATION INSTRUCTIONS

1. ENSURE THE APERTURE IS CLEAN AND FREE OF DEBRIS. REMOVE DUST FROM SURFACES REQUIRING INSTALLATION.
2. CUT THE TBA INTUBATT TO THE CORRECT SIZE ENSURING TIGHT FIT AROUND COMBUTBILE PIPE, AND A 100MM OVERLAP FROM THE FIXING POINT.
3. APPLY TBA INTUMASITC TO THE BACK FACE OF THE TBA INTUBATT BOARD, AND ALL TBA INTUBATT CUT EDGES.
4. OFFER UP THE TBA INTUBATT TO THE FIRE RATED PLASTERBOARD CEILING AROUND SERVICE PENETRATION.
5. SECURE THE TBA INTUBATT TO THE PLASTERBOARD CEILING USING 75MM TEC SCREWS & WASHERS THROUGH TO THE PLASTERBOARD CEILING FRAMING AT 200MM CENTRES.
6. REPEAT ITEM 2 & 3.
7. PLACE THE TBA INTUBATT OVER THE FIRST TBA INTUBATT LAYER, ENSURING ANY JOINTS ARE STAGGERED.
8. SECURE IN POSITION USING 90MM PIGTAIL SCREWS AT 200MM CENTRES.
9. APPLY A TBA INTUMASITC BEAD TO ALL PERIMETER JOINTS, AND TBA INTUBATT JUNCTIONS.
10. APPLY TBA INTUMASTIC BEAD TO SERVICE PENETRATION / TBA INTUBATT JUNCTION
11. APPLY TBA INTUMASITC BRUSH GRADE TO ALL EX-POSED FIBROUS EDGES.
12. REMOVE EXCESS MASTIC USING A DAMP CLOTH.



<b>Products:</b>	<b>TBA FIREFLY INTUBATT TBA FIREFLY INTUMASTIC</b>
<b>Approvals:</b>	<b>AS 1530.4/AS 4072.1</b>
<b>BK:</b>	<b>84 / 85</b>
<b>Ref:</b>	<b>FAS 190234 / FAS 190235</b>
<b>ID:</b>	<b>H38, H39 / H15, H16</b>
<b>Scenario:</b>	Non-combustible pipe penetration passing through fire rated plaster board ceiling
<b>Penetrations:</b>	Non-combustible pipes
<b>Services:</b>	Up to Ø150mm Copper pipes
<b>Construction:</b>	Fire rated plasterboard ceiling
<b>Fire Integrity:</b>	120 minutes
<b>Fire Insulation:</b>	0 minutes

Web based drawings are for example only, fire performance of any system is dependant on, but not limited too - 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

## TBA Firefly Intubatt to Copper Pipe Fire Rated Plasterboard Ceiling

Scale	NTS	Date	February 2021
Sheet Size	A3	Drawn By	
Drawing Number	V9.9	Rev	4.0

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