INSTALLATION NOTES

1. Make sure that the area within the aperture is clean of any debris and remove any dust from the edges.

2. Cut Rockool ablative coated batt to the size and shape required to fit the aperture ensuring the batt will make a tight fit with all edges of the aperture.

3. Setout the service penetrations and cut the coated batt at the mid point of each service to enable the batt to be fitted into the aperture.

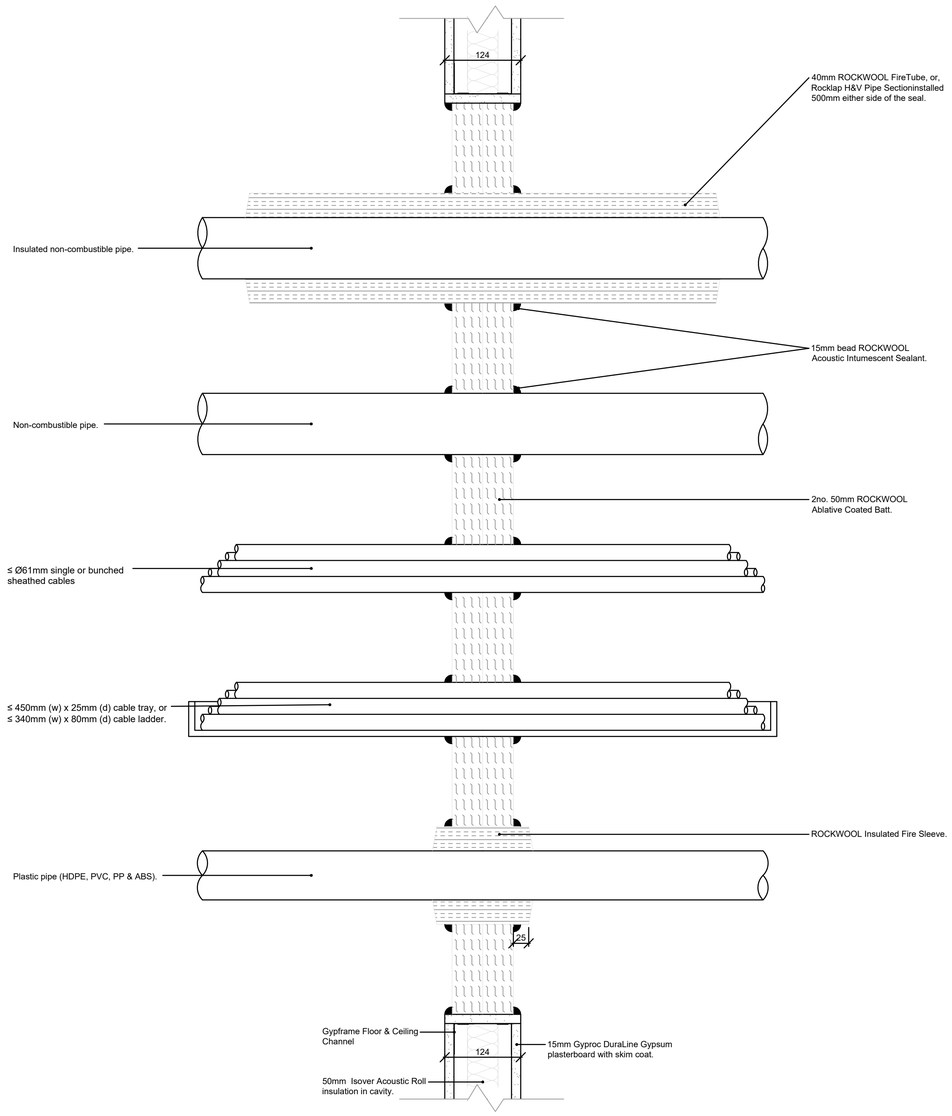
4. Apply Rockwool acoustic intumescent sealant to all edges of the batt, ensuring that an even cover is achieved over the entire thickness of the batt. This should include the outer edges of the batt and the edges of the cut made through the batt to allow fitting into the aperture. There is no requirement to apply sealant to the edges of the holes cut to accommodate each service penetration.

6. Insert the batt into the aperture.

7. Apply a bead of Rockwool acoustic intumescent sealant, approximately 15mm wide, around the perimeter of the batt ensuring that all gaps between the batt and surrounding edges are fully filled.

8. Apply a bead of Rockwool acoustic intumescent sealant, approximately 15mm wide, where the perimeter penetrations pass through the batt. Ensure that the sealant fully encloses each cable within the tray or ladder and that all gaps are fully filled.

9. Repeat step 7 and 8 on the other side of the batt.



TYPICAL FIRE STOPPING DETAIL (WHERE ACCESS AVAILABLE TO BOTH SIDES)

Scale NTS

Service type	30 Minutes		60 Minutes		90 Minutes		120 Minutes	
	Integrity	Insulation	Integrity	Insulation	Integrity	Insulation	Integrity	Insulation
Maximum aperture size m²	2.0m²		1.93m²		1.87m²		1.8m²	
Maximum aperture size m² in Min 130mm thick wall	4.14m² Integrity		4.14m² Integrity		2.88m² Integrity		2.88m² Integrity	
bunched cables ≤100 mm	✓	✓	✓	✓	✓	✓	✓	✓ø
0-15mm sheathed cables	✓	✓	✓	✓	✓	✓*	✓	✓ø
16-21mm sheathed cables	✓	✓	✓	✓	✓	✓*	✓	✓ø
22-50mm sheathed cables	✓	✓	✓	✓	✓	✓ø	✓	
50-80mm sheathed cables	✓	✓	✓	✓	✓	✓ø	✓	
PVC Conduits ≤ 15 mm	✓	✓	✓	✓	✓	✓	✓	✓
Steel pipes ≤168 mm lagged with Fire Tube / H&V	✓	✓	✓	✓	✓	✓	✓	✓
Steel pipes 169mm - 219mm with Fire Tube / H&V	✓	✓	✓	✓	✓	✓		
Steel pipes 219mm - 324mm with 400mm length of ablative coating †	✓	✓	✓		✓		✓	
Copper pipes ≤ 108 mm lagged with Fire Tube / H&V	✓	✓	✓	✓	✓	✓	✓	✓
Steel pipes ≤168 mm Unlagged	✓		✓		✓		✓	
Copper pipes ≤ 108 mm Unlagged	✓		✓		✓		✓	
Steel pipes in min 100mm thick masonry wall ≤ 600mm unlagged	✓		✓		✓		✓	
Fire Damper ≤ 1 x 1 m (Max aperture 2.4m² with Firepro Glue)	✓		✓		✓		✓	

* With additional protection of patress piece of coated batt Min 100mm around the cable (Min 4 pigtail screw fixings)

† Pipe to receive 400mm length coat back of FirePro Ablative Coating either side of seal

ø Cables insulated with ROCKWOOL RWA45 insulation 40mm thick 200mm either side of seal - suitable for masonry walls only

Drawing Details

Drawing Title: Fire Stopping Details Sheet 1 of 5

Ref: 25228-SP-XX-XX-DR-AT-501

Scale: NTS @ A1

Project Stage:
Stage 1

Client Details:
TIPPERARY ETB

All dimensions to be checked on site.

Do not scale dimensions from this drawing, use figured dimensions only.

Refer to Engineer's drawings and specification for all structural and services information.

Any discrepancies between the Architect's and Engineer's drawings to be reported to the Architect immediately.

The survey information shown on this drawing is based on a survey prepared by a third party and Spentide Ltd accept no responsibility for the accuracy or completeness of the survey

Document Record

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