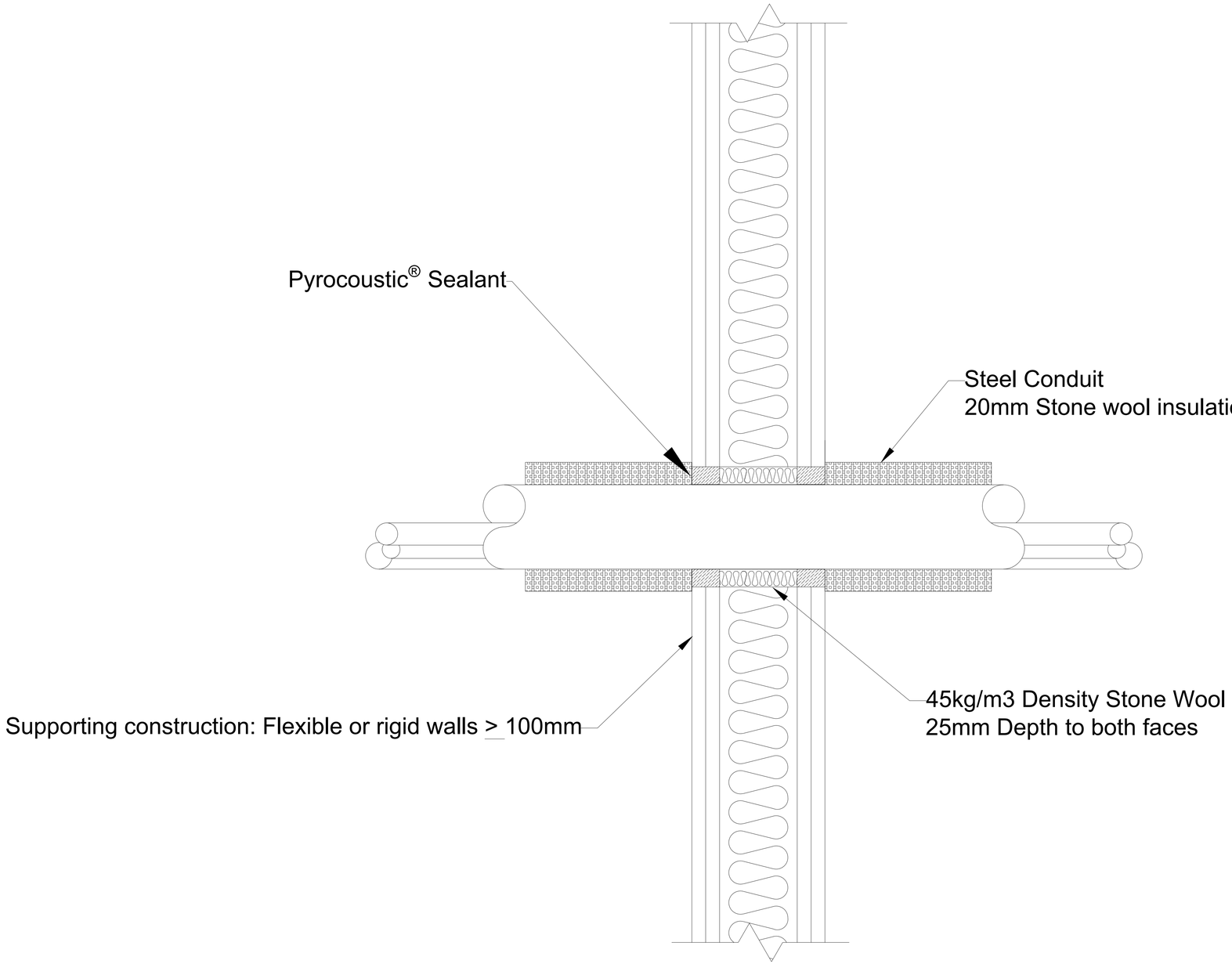

Technical Details

Supporting Test Data:

- **549571/R**

Test Standard:

- **EN1366-3:2021**

Fire Resistance Performance:

≤76mm Steel Conduits, ≥1.5mm WT Cables/Cable Bundles up to 50mm 25mm Depth Pyrocoustic Sealant - 10mm Annular	EI 120 C/C

Supporting Construction:

Flexible walls ≥ 100mm - Insulated - 2x 12.5mm Plasterboard to each side
**The supporting construction must meet the fire resistance requirement of the proposed firestopping detail. Supporting construction must be installed and apertures formed in line with manufacturer's guidance*

Service Supports:
≤400mm
**Service supports must be appropriately fire resistant*

Installation:
FSi Ltd. recommend installation of FSi Ltd. products is carried out by 3rd party certified installers.

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose particles.

The void depth should be such as to provide a minimum sealant depth required as per tested systems.The sealant should be gunned firmly into the aperture ensuring that it is in full contact with the substrate and service where applicable. Failure to carry this out may result in poor adhesion of the sealant and ultimate failure of the system.Tooling of the sealant may be necessary to achieve an acceptable appearance. This is accomplished by drawing a flat tool over the surface of the sealant to produce a smooth neat finish. Tooling also compresses the sealant into the aperture enhancing the adhesion to the substrate and service where applicable.

Penetration Service Details:
See 'Fire resistance performance' above

Minimum Separation Between Penetration Services:
100mm

Minimum Separation to edge:
0mm

Maximum Opening Size:
Service Diameter + 10mm

Conduit Extension:
Conduits must extend a minimum of 420mm, ends should be capped with 10mm of backing material and 10mm of Pyrocoustic® Sealant

Issue No.	Drawing Reference	Date
1	PYROC-025	09/07/2025

STANDARD DETAIL

Drawing Title: Pyrocoustic® system for Steel Conduits in flexible or rigid walls ≥100mm

Scale : NTS

Drawn by : FSi Limited

Reviewed by : N/A

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