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### **Technical Details**

### Supporting Test Data:

WF549799/R

#### Test Standard:

EN 1366-3

# Fire Resistance Performance:

Maximum Aperture size (mm)

Steel conduit 38mm Ø min.475mm long,
1.5mm wall thickness, Cables ≤ 21mm
25mm Stonewool L/I > 200mm , 45kg/m³

Maximum Aperture size (mm)

98mm Ø

E60 EI30

#### **Supporting Construction:**

Flexible walls > 75mm - Insulated / Uninsulated

\*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:

### < 200mm

\*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 substarte must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose particles.

Adequate space and accessibility should be provided for applying and tooling the sealant. A suitable backing material to control the sealant depth may be required, please refer to tested systems. The joint depth should be such as to provide a minimum sealant depth required as per tested system.

The Pyrocoustic<sup>®</sup> Sealant should be gunned firmly into the joint/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 joint/aperture enhancing the adhesion to the substrate and service where applicable.

Clean all tools and application equipment with water immediately after use.

Competence records should be kept for all individuals installing this product(s). Installations should be suitably recorded and logged.

## Penetration Service Details:

Pyrocoustic<sup>®</sup> Sealant 12.5mm depth with  $\geq$  45kg/m<sup>3</sup> stonewool backing material.

## Minimum Separation to edge:

Maximum Opening Size: 98mm Ø

# Capping Detail:

Capping to the end of the conduit is only required if the conduit is open in the compartment

Issue No.	Drawing Reference	Date
01	PYROC-022	24/07/2025

## TESTED DETAIL

Drawing Title: Steel conduit sealed with Pyrocoustic<sup>®</sup> Sealant through a single skin flexible wall construction.

Scale: NTS

Westminster Industrial Estate
Tamworth Road
Measham
Leicestershire
DE12 7DS

Drawn by : FSi Limited

Reviewed by : N/A

