

# Technical Evaluation Guidance Note

## Introduction

Technical guidance notes serve to validate and elaborate on the proven fire stop systems offered by FSi Limited. These notes offer valuable advice to specifiers, designers, and installers, focusing on specific applications, configurations, and aspects relating to fire stopping systems and materials. The document provides guidance on practical and effective recommendations, aiding in the selection criteria for firestopping products and systems for a project. Furthermore, this insightful advice is instrumental for building owners and individuals responsible for the maintenance and installation of fire stopping systems.

The purpose of this document is to address what a technical evaluation is and how FSi Promat can provide assistance if a technical evaluation is required.

## What is a technical evaluation?

A technical evaluation is a structured process that is accepted internationally, it allows for an opinion to be made on a project-by-project application basis, for where there is no direct test data available. It follows a strict criterion based on the specific project information, available test data and an in-depth product understanding.

## What are they not?

They are not guess work, nor an assumption and certainly not an easy option commercially, as unless the evaluation can be supported and prepared within industry guidelines, it cannot, and should not be made. They should only be made by support of the manufacturer's directly tested systems.

## What are FSi Promat's solutions?

At FSi Promat, we uphold a commitment to delivering the most optimal and suitably tested solutions for all situations. It is with this dedication in mind that, in line with industry best practice guidelines, we are compelled to provide you with a tested scenario and outline any essential remedial actioned necessary to achieve the specified detail. In the event the onsite team encounters constraints preventing or inhibiting the implementation of required remediations, we can then explore avenues for supporting a technical evaluation that diverges from the direct testing protocol. Prior to the provision of a technical evaluation, it must be confirmed with the authority having jurisdiction over the project that this would conform with the projects route to compliance.

If an appropriate solution can be determined via the analysis of our tested data, we can then propose a drawn up, non-tested detail which, as mentioned above, would be project specific. This detail will be accompanied by a technical evaluation justification document which will highlight the area of evaluation and provide justifications which will support the opinion that the proposed system will perform as intended.