

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.

This technical guidance note outlines how FSi Promat products meet acoustic performance requirements and provides assistance in understanding the acoustic performance levels achievable under various installation scenarios.

FSi Promat Guidance

FSi Promat conducts a range of tests to evaluate product performance across several domains, including acoustics. These tests are carried out by independent, third-party experts to ensure unbiased, accurate, and repeatable results that comply with British and European standards.

However, FSi Promat's expertise does not lie within acoustics, consequently, we can only inform you of our products performance within the specific test conditions conducted, so we cannot provide you with definitive information on the level of acoustic performance given a site-specific application. Hence, in the interests of transparency, we are willing to provide the physical test reports where required.

Given the variability between controlled and tested environments and actual on-site conditions, we always strongly advise that the information is forwarded to your on-site/appointed suitably qualified acoustician for interpretation. As the testing method does not exactly replicate on-site conditions, the results must be interpreted to determine the actual performance on the project you intend to use given the system it is being used within.

The testing method, as you will see from the report, is limited and is not necessarily a true reflection of performance depending on your scenario and it will be the qualified acoustician that will have the capability to determine this and not FSi Promat, since – as mentioned – we do not have expertise in this field. It may well be the case that our system performance during the test was limited by the performance of the wall used, therefore a qualified acoustician may assess whether alternative wall systems may enhance the acoustic performance of our system/solution.

Conclusion

While FSi Promat provides reliable data on product performance within controlled conditions, we emphasize the importance of consulting with an acoustician to determine site-specific outcomes. This collaborative approach ensures that the chosen system meets your project's acoustic requirements effectively.