TGN-005
Fixings 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 a project. Furthermore, this insightful advice is instrumental for building owners and individuals responsible for the maintenance and installation of fire stopping systems.

FSi Promat Guidance

The purpose of this document is to address the scenarios on projects involving fixings for FSi Promat products. Often, when installing a variety of passive fire protection products mechanical fixings are required, FSi Promat's products are no exception to this with products such as PipeBloc® PCP Collars, Stopseal® Batt Pattress fit details, Paraflam®, Silverliner® OSCB all requiring some form of fixing to ensure a tested detail is met.

FSi Promat do not mandate a specific type of fixing for our products. Instead, we require that appropriately fire-resistant fixings are used, which will remain effective throughout the full duration of the required fire resistance period and are suitable for the substrate in which they are installed.

Contractors often prefer to be informed about the specific fixings that can be used in their installations to ensure compliance with the tested details. Due to the nature of the test standards, providing this information is not always straightforward.

For example, testing penetration seals to the standard BS EN 1366-3, you derive a scope from your direct testing determined within the field of application. For example, with the PipeBloc PCP collars, if tested within a flexible wall, the data can be applied to a rigid wall of the same or greater thickness to achieve the same fire resistance rating. However, the same fixing types would not be suitable for this change in substrate type and so suitable fixings would need to be applied.