

Introduction

Technical guidance notes are intended to confirm and/or to expand further, the already tested fire stop systems available from FSi Limited. The guidance notes provide advice for specifiers, designers and installers on specific applications, configurations or aspects of fire stopping systems and materials. The document offers guidance on effective and feasible recommendations which may assist with selection criteria for a project, moreover this practical advice will help building owners and those responsible for maintaining and installing fire stop systems.

This technical guidance note covers the rising concern of the chemical compatibility of C-PVC Sprinkler Pipes with ancillary products. The compatibility issue ranges over numerous common products found on the modern building project, whether it be new or refurbishment and not just limited to fire stopping sealants as claimed by some.

FSi limited are now confirmed as compatible with the two most common brands of C-PVC pipes.

Since 2016 Pyropro® HPE® Sealant has been part of the Lubrizol compatibility programme, the product has undergone formulation screening and rigorous physical testing in contact with C-PVC and C-PVC sprinkler pipe materials to gain approval to prove that the system is chemically compatible.

Pyropro® HPE® Sealant has been tested by Spears® and have shown no adverse C-PVC compatibility issues when installed and utilized as intended. The confirmation of compatibility of the products on the Compatible Products List with Spears® FlameGuard®, EverTUFF® CTS, LabWaste®, fittings and components are based on test results achieved with these products as they are formulated at the time of the compatibility test.

FSi Guidance

Pyropro® HPE® Sealant is chemically compatible and can be used for sealing around C-PVC and C-PVC sprinkler pipes. The sealant shall be installed full depth to prevent incompatible or non-declared materials coming in to contact with the pipe. The installation shall follow the FSi Limited installation detail as shown in annex A.

Pyropro® HPE® Sealant is approved for use with Spears® C-PVC sprinkler pipe work systems and materials, such as FlameGuard®, EverTUFF® CTS, LabWaste® and should not be used around C-PVC sprinkler piping systems where compatibility has not been determined.

Pyropro® HPE® Sealant is approved for use with Lubrizol C-PVC sprinkler pipe work systems and materials, such as FlowGuard® pipe and fittings, Blazemaster® fire sprinkler systems and should not be used around CPVC sprinkler piping systems where compatibility has not been determined.

Guidance Notes

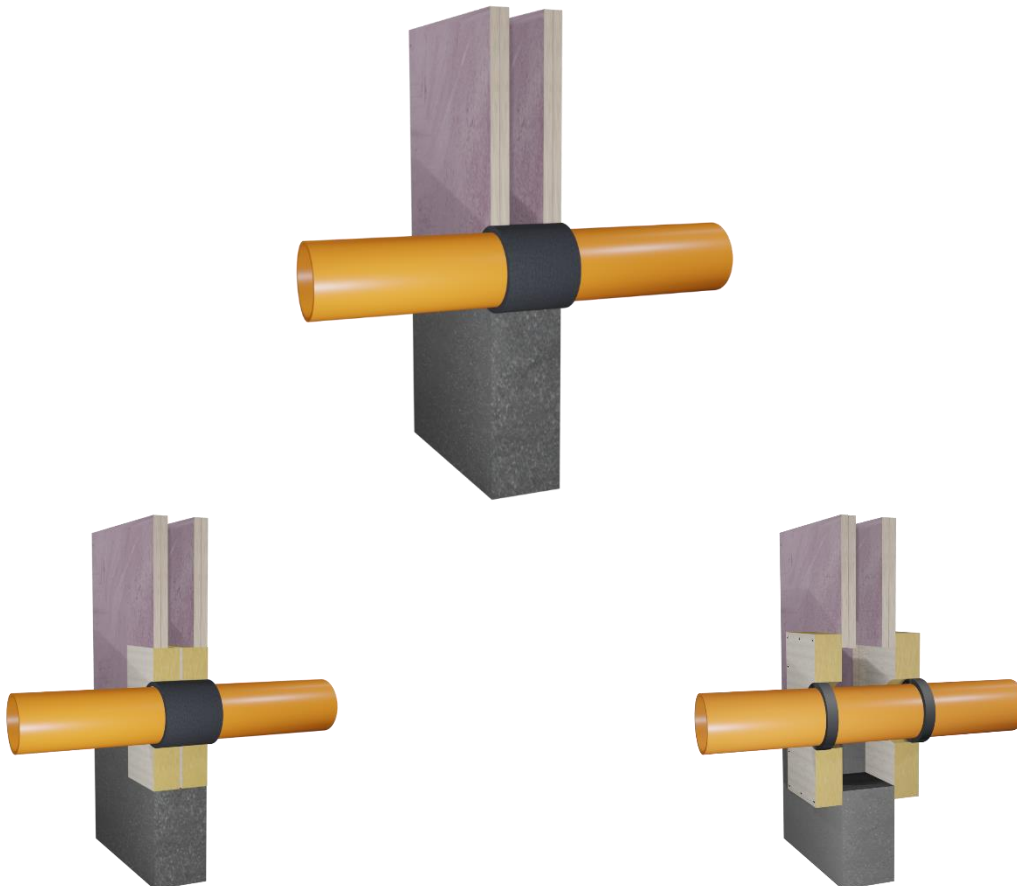
Pyropro® HPE Sealant can be found under the category “UK Only Compatible Products” in the FlameGuard®, LabWaste®, EverTuff® and CTS Compatible Products List on the Spears® website.

[FlameGuard®, LabWaste®, EverTuff® and CTS Compatible Products List](#)

Pyropro HPE Sealant is listed on the Lubrizol compatibility programme website with numerous other building material products, link is detailed below:

<http://www.lubrizol.com/CPVC/FBC-System-Compatible-Program/System-Compatible-Product-Finder>

FSi strongly recommend only the use of products that are listed within the Spears compatible products list



Please see FSi data sheets for more information