Fire Stopping Guide

Correct firestopping during installation is critical to maintaining the integrity and fire performance of the doorset. This document outlines the firestopping materials and methods used during testing in accordance with **BS EN 1634-1** and also provides Simplis' recommendations for firestopping where the structural opening is larger than expected.

To comply with the tested firestopping detail, the overall panel size (excluding the flanges) must be no more than **6mm** smaller than the structural opening. For an optimal fit, a difference of **5 mm** between the structural opening and the panel size is recommended. For example, if the structural opening measures **1800** x **600 mm**, the panel size should be **1805** x **605 mm**.

The Premium doors were tested within a standard rigid supporting construction and may also be installed in standard flexible supporting constructions, provided that the fire resistance of the flexible partition has been demonstrated through testing and is equal to or greater than the fire resistance of the doorset, as outlined in **Assessment Report 536789**.

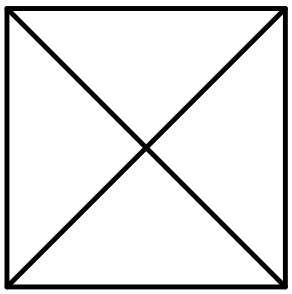
For flexible partitions, the method of forming the structural opening should be in line with manufacturers guidance. Aperture linings are for firestopping guidance only and should not be used as instructions for constructing the partition wall.

References

Packers/Shims: Steel Only

Plasterboard: Should be **Type F**. (If used in conjunction with a flexible partition, this should be of the same board type used in the main construction of the wall).

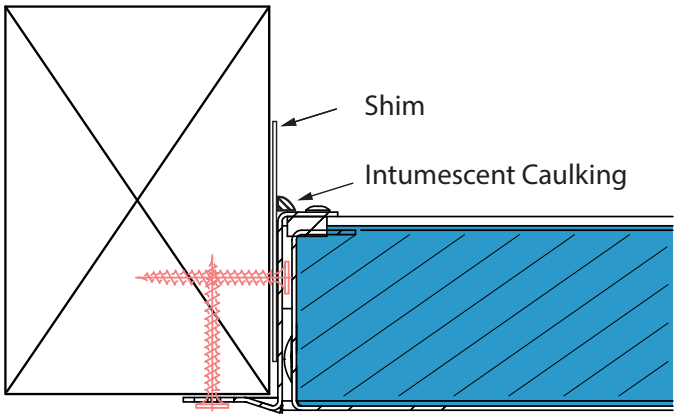
Sealant: Any proprietary mastic complying with **BS EN 1634-2:2014+A1 2018**, **BS 476 parts 20 1987 and 22: 1987**, and **BS EN 1366-4:2021**.



Standard Rigid or Flexible Supporting Construction

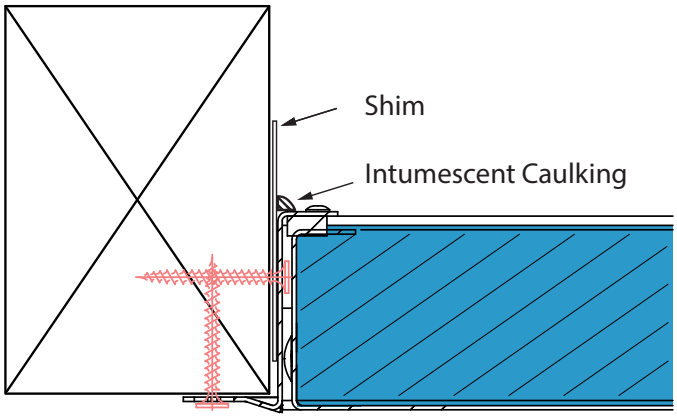
Tested Fire Stopping

Gaps Under 3mm

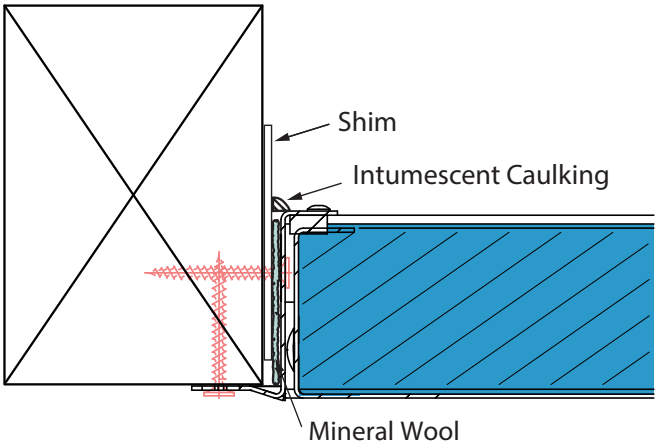


Recommended Advice

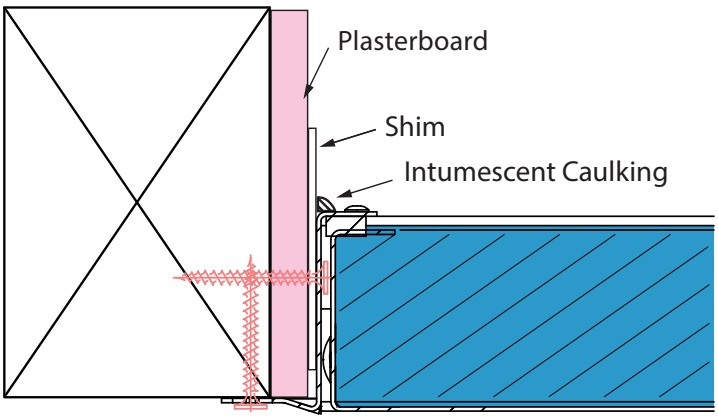
Gaps Under 5mm



Gaps Between 5 & 10mm



Gaps Between 10 & 15mm



Gaps Over 15mm