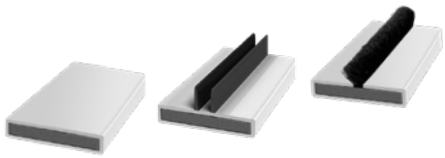

Halspan H30 & H60 Seals for Hollow Steel Frames

Fire, Smoke & Acoustic Seals

The H30 and H60 seals have been fully tested to BS476: Part 22:1987 and EN 1634: Part 1, for performance to 30 and 60 minutes fire resistance in the specific application of timber fire doors in hollow steel frames.

For FD30 & FD60 Fire Rated Doors in Hollow Steel Frames

Tested in Accordance with:	BS476: Part 22:1987 and EN 1634: Part 1 *See notes section overleaf on smoke control and further considerations for other relevant test standards

Product Codes & Specification

Application	Product Codes	Profile	Size	Standard Length
30 Minutes (H30)	BOM-H30-1 - Plain		20mm x 6mm	2100mm
	BOM-H30-2 - Twin Fin			
	BOM-H30-3 - Brush			
60 Minutes (H60)	BOM-H60-1 - Plain		38mm x 6mm	2100mm
	BOM-H60-2 - Twin Fin			
	BOM-H60-3 - Brush			

The standard length is 2100mm although special lengths can be produced to order.

All seals have a self-adhesive backing strip for ease of installation.

Plain, Brush or Fin varieties can be offered. Plain for fire only, Brush or Fin for fire, smoke (BS476: Part 31.1) and acoustic performance.

Colours

Halspan fire seals are PVC encapsulated, in a range of colours. Any RAL colour can be supplied subject to special order.

White	Black	Brown	Cream	Red

Halspan H30 & H60 Seals for Hollow Steel Frames

General Notes

A Note on Smoke Control

(Extract Exova Global Assessment- ref. FEA/F96103)

If the doorset design is required to provide a smoke control, it must have a leakage rate not exceeding 3m3/m/hour (head and jambs only) when tested at 25Pa under BS 476 Fire tests on building materials and structures, Section 31.1 - Methods for measuring smoke penetration through doorsets and shutter assemblies, Method of measurement under ambient temperature conditions, or meet the additional classification requirement of Sa when tested to BS EN 1634-3: 2004 - Fire resistance tests for door and shutter assemblies, Part 3 – Smoke control doors.

Smoke seals or combined intumescent/smoke seals that are fitted to the door to achieve the performance requirements specified above, must have been tested in accordance with the associated test method.

Further Considerations

Note that there is other guidance available, including BS 9999-2017 - Code of practice for fire safety in the design, management and use of buildings, which may impose different or additional requirements, such as consideration of the gap between door leaf and threshold.

Responsibility for the appropriate smoke sealing specification and performance of the doors should be agreed between the relevant parties (i.e. specifier, manufacturer, contractor) prior to commencing manufacture and/or installation.
Additional guidance on smoke sealing is given in BS 8214: 2008, “Code of practice for fire door assemblies” and BS 9999: 2017 “Code of practice for fire safety in the design, management and use of buildings” both of which advise that for effective ambient smoke sealing the threshold gap should either be controlled to a maximum of 3mm or a suitably fire performance tested threshold drop down seal fitted- Halspan drop seal: SLS-DRP.

Seals should be uninterrupted around ironmongery to maintain optimum smoke integrity.

Supporting Test Data

H30 & H60 smoke test data: WYC406902-02