

Halspan Flipex Seal



Halspan Flipex Seal is suitable for smoke sealing the bottom edge of double acting doorsets. Tested for up to 60 minutes fire resistance and smoke control in door assemblies featuring both double acting floor springs and transom closers.



For 30 & 60 Minute Fire Rated Door Timber Assemblies

Tested in Accordance with:	BS EN1634-1 and BS EN1634-3
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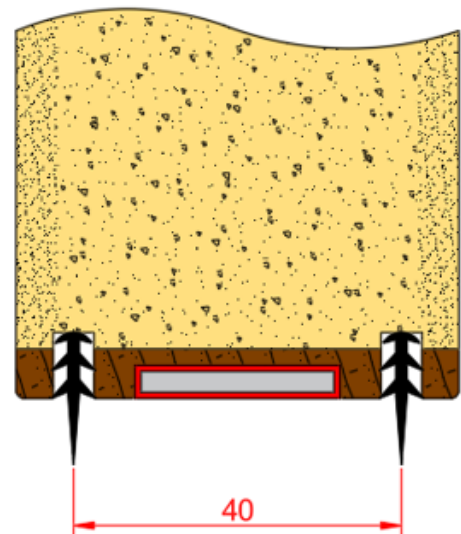
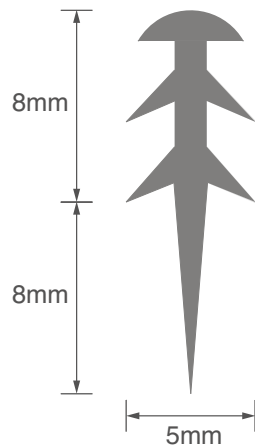
Product Codes & Specifications

Master Product Code: SLS-FEX-008

Colour	Product Code	
	50m Roll	150m Roll
● Black	SLS-FEX-008-050BK	SLS-FEX-008-150BK

Section

Typical Section





Smoke

A Note on Smoke Control

(from BS 8214: 2016)

The test standards for determining smoke leakage are BS 476-31.1 and BS EN 1634-3. Smoke leakage is essentially the transfer of airborne particles of the products of combustion, and sealing systems are used to restrict this air flow. Seals are used to fill the gaps between the door leaf and the frame. As such, they can have an adverse effect on the operating forces required to use the door if not carefully fitted. Removal of seals to accommodate door hardware increases the leakage rate. Seals that fit in the centre thickness of the door are generally subjected to friction effects detrimental to the durability of the seal and the easy use of the door. Seals applied to the face of the doorstop are unlikely to have a noticeably adverse effect on the forces required to open the door. Doorstop-mounted seals might prevent the door from latching or closing if incorrectly fitted, or when incorporated within a door rebate that has not been designed to accommodate such seals.

Fire doors that are required by the appropriate building regulations to restrict the flow of ambient temperature smoke, identified by the suffix S, e.g. FD30S, FD 30S (BS 476-31) or the suffix Sa, e.g. E 30Sa (BS EN 1634-3), should be fitted with smoke seals. When installed, the threshold gap should, where practicable, be sealed by a (flexible edge) or automatic drop seal, either with a leakage rate not exceeding 3 m³/h per metre at 25 Pa when tested to BS 476-31.1 or BS 1634-3, or just contacting the floor, giving an even contact with the floor but not exhibiting significant increased frictional forces that could interfere with the closing action of the door.



General Maintenance & Operational Notes

Supporting Certification & Test Data

Certification - Fire

- Warringtonfire Halspan Prima 60 Field of Application Report FEA/F96103
- Warringtonfire Halspan XT/IT 60 Field of Application Report Chilt A13227

Smoke Test Data

- WYC510639, WYC510638, WYC531315-05 & WYC531315-06

The information in this datasheet is correct at time of going to press. However our designs, specifications and certifications may change in the interest of product development following publication. If you would like to make a query about any of the details in this document, please contact Halspan via our website, or call our office in the UK on +44 (0)3300 563836.

