

**HALSPAN**

Halspan EN90 Minute Intumescent Seal Kits for Timber Frames Fire Seal Kits



Halspan EN90 seals are specially designed to perform to the very highest standards. They have been fully tested to BS 476: Part 22 and EN 1634-1 for performance up to 90 minutes fire resistance when combined with Halspan 90 Fire Doors in timber frames. All seals have a self-adhesive backing strip for ease of installation and are supplied pre-packed with sufficient seals to install one complete Halspan 90 doorset. Available in two lengths, covering either single or double doorsets.

For 90 Minute Fire Rated Door Timber Assemblies

Tested in Accordance with:

BS 476: Part 22 (single and double doors) and EN 1634-1 (single doors only)

Product Codes & Specification*

Halspan EN90 Minute Intumescent Seal Kit - Standard Size, Timber Frame

Door Kits	Product Code	Component Quantities to suit up to 2090mm x 1040mm doors	
		20mm x 4mm (2100mm lengths)	50mm x 2mm (1090mm lengths)
Single	SLS-TKS-E90-21BR (Previously coded BOM-KIT-125S)	9	1
Double	SLS-TKD-E90-21BR (Previously coded BOM-KIT-125D)	12	2
*Refer to test data for application			

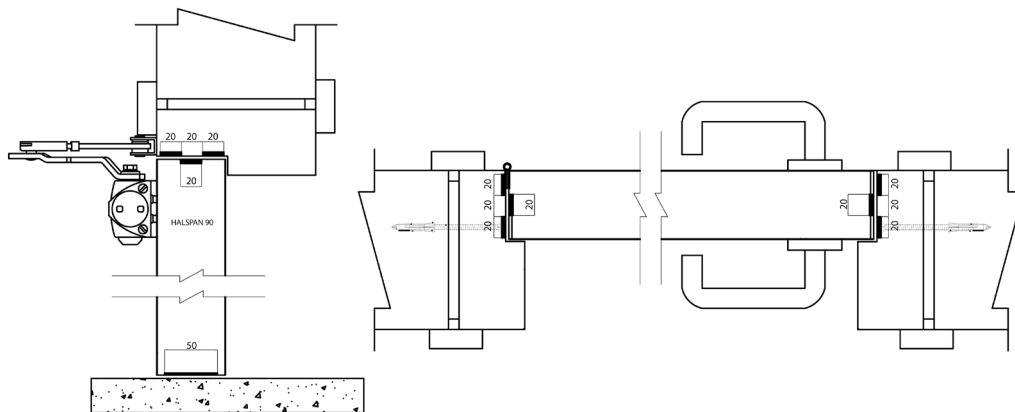
Halspan EN90 Minute Intumescent Seal Kit - Extended Size, Timber Frame

Door Kits	Product Code	Component Quantities to suit up to 2490mm x 1090mm doors	
		20mm x 4mm (2500mm lengths)	50mm x 2mm (1090mm lengths)
Single	SLS-TKS-E90-25BR	9	1
Double	SLS-TKD-E90-25BR	12	2
*Refer to test data for application			

Halspan EN90 Minute Intumescent Seal Kits for Timber Frames



Design Guide



Colours

Halspan EN90 seals are available in dark brown.

Dark Brown



*other colours available by special order



General Notes

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.

Halspan intumescent seals and smoke seals have undertaken extensive testing over many years and have been proven to perform against the toughest test standards in the most onerous of doorset designs. Care must be taken to ensure that these seals are used in the correct manner, in accordance with certification data such as Field of Application Reports and primary test evidence.

Further industry guidance can also be found in the following publications:

- BS 8214:2026: Timber-based fire door assemblies - Code of practice
- BS 9999:2017: Fire safety in the design, management and use of buildings – Code of practice
- ASDMA - Guidance and Recommendations for the Coordination of Bespoke Doorsets
- ASDMA - Best Practice Guide to Timber Fire Doors

Supporting Certification & Test Data

Certification-Fire (BS)

- Warringtonfire Halspan 90 Field of Application Report Chilt/A05151
- IFC Halspan 90 Field of Application Report PAR/10513/01

Test Data- Fire (EN)

- UB128-1

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.

