



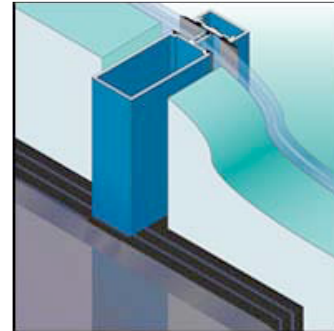
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Linear gap seal for External Facades

Introduction

LAMATHERM LINEAR GAP SEALS are flexible, water resistant, intumescent linear gap seals that expand when exposed to heat. They provide a versatile means of sealing junctions between building elements against fire penetration. The compressible foam core accommodates different joint widths to allow for structural movement whilst additionally meeting

requirements for cold smoke seal, thermal and acoustic properties. Standard sizes are available to suit voids up to 100mm and to provide either a 2 hour or a 4 hour fire rating. The material can also be used as an effective, adaptable fire stop inside cable trunkings - allowing for the installation of further cables.



Product Description

LINEAR GAP SEALS are made from an open-cell flame retardant acoustic foam laminate with a graphite intumescent coating containing binders which ensure material flexibility.

In fire conditions, the seal maintains a close fitting position to prevent the passage of cold smoke. At the designed temperature, the intumescent coating begins to expand on the fire side of the joint. During this reaction, the foam gradually compresses and is replaced

by the expanding mass of intumescent graphite. The seal retains its flexibility on the non-fire side to accommodate any heat induced movement of the structural elements. Thus the fire is prevented from penetrating rapidly into the joint.

Standard Range

LINEAR GAP SEALS are supplied in 1 metre lengths of various widths and depths to suit the size of the gap and the fire rating required. The standard sizes are listed in the following Fire Rating table. For void sizes other than those tabled please contact the technical sales team.

Product Code	To suit gap size (mm)	Dimensions of Seal (mm)	Fire Rating
CJ-FS120 / 10	Up to 10	12 x 12	2 hr
CJ-FS120 / 20	11 - 20	29 x 12	2 hr
CJ-FS120 / 35	21 - 35	53 x 20	2 hr
CJ-FS120 / 50	36 - 50	60 x 25	2 hr
CJ-FS120 / 75	51 - 75	80 x 50	2 hr
CJ-FS120 / 100	76 - 100	117 x 100	2 hr
CJ-FS120 / 150	101 - 150	170 x 100	2 hr
CJ-FS240 / 10	Up to 10	12 x 25	4 hr
CJ-FS240 / 20	11 - 20	29 x 25	4 hr
CJ-FS240 / 35	21 - 35	53 x 30	4 hr
CJ-FS240 / 50	36 - 50	56 x 50	4 hr
CJ-FS240 / 75	51 - 75	80 x 75	4 hr
CJ-FS240 / 100	76 - 100	117 x 125	4 hr