

FIREPRO CENTABUILD

Product specifications can change. Contact us to ensure you have our latest datasheet

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HOT, MEDIUM AND AMBIENT (COLD) SMOKE SEALS

Smoke Temperature Definitions are not universal and may differ between seal manufacturers. The definitions we use are:

Hot	500°C and over.
Medium	200°C ± 20°C
Ambient	25°C ± 15°C.

Note: Some manufacturers define 200°C as Hot.

Hot Smoke Seals need to deal with Hot, Medium and Ambient smoke. They normally incorporate an intumescent seal and a ambient smoke seal. Our BP range of seals are examples. For Firepro Intumescent Fire Seal Strips see separate data sheet.

Medium Smoke Seals include the hot smoke seals above plus the silicone seals which are deemed to comply with temperature requirements for medium smoke.

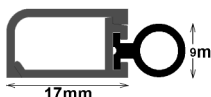
Ambient (Cold) Smoke Seals include the hot and medium seals above plus our range of Brush Pile Seals.

Note: medium and ambient smoke seal testing is normally air leakage testing, not smoke.

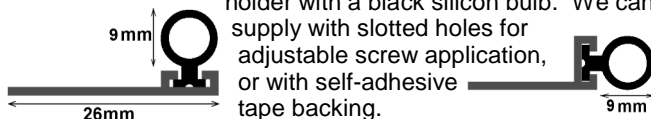
Firepro Smoke and Weather Seals are also available in sizes, styles and colours not included in this data sheet.

Silicone Rubber, Ambient & Medium Smoke Seals

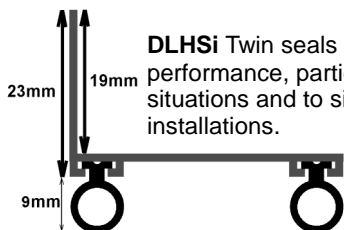
KSHSi has a black silicon bulb with an anodised or painted aluminium holder slotted for adjustable screw application. An aluminium cover strip covers the screw heads. Adhesive tape backing is available as alternative to screws.



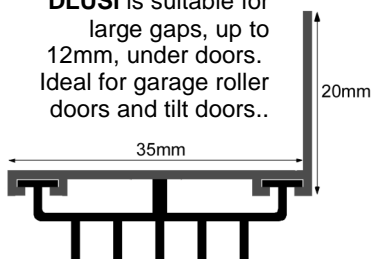
hRHSi & hSHSi seals feature natural anodised aluminium holder with a black silicon bulb. We can supply with slotted holes for adjustable screw application, or with self-adhesive tape backing.



DLHSi Twin seals offer superior sealing performance, particularly in under door situations and to sides of sliding door installations.

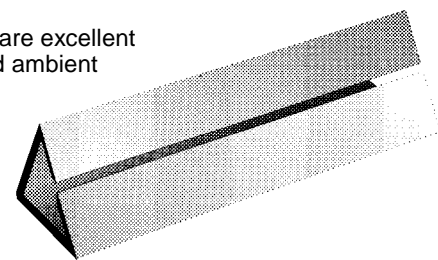


DLUSi is suitable for large gaps, up to 12mm, under doors. Ideal for garage roller doors and tilt doors..



FP1212/FP1515 Acoustic, Ambient & Medium Smoke Seal

FP1212 and FP1515 are excellent acoustic, medium and ambient smoke seals, when used alone, and ideal for fitting to fire door assemblies which already have intumescent fire protection strips incorporated. They are particularly useful in door designs where hinges, locks or other door fittings may obstruct the use of other Smoke/Weather Seal types. Capable of maintaining continuous smoke control integrity in these normally troublesome situations.

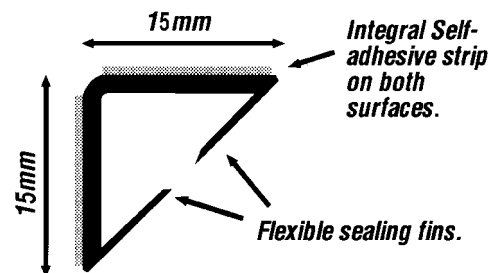
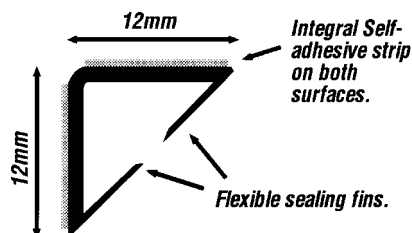


Maximum Door Clearances

FP1212 3mm Door Clearance, jamb stop 12mm
 FP1515 5mm Door Clearance, jamb stop 15mm.

The flexible black sealing fins are continuously welded to the backing by an advanced co-extrusion process. The material is a unique thermoplastic rubber compound that provide a highly durable seal with extremely low friction characteristics. The twin opposing fins give excellent sealing performance from whichever direction the smoke pressure hazard emanates.

Both the FP1212 and FP1515 are stocked in 2.1M lengths.

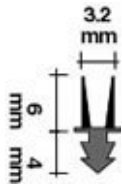


NOTE: The technical information and suggestions for use and application presented herein represent the best information available to us and are believed to be reliable. They should not however be construed as controlling suggestions and there is no warranty of performance of our materials either expressed or implied. We urge that users of our materials conduct confirmatory tests to determine final suitability for their specific end uses. All dimensions are nominal. We reserve the right to make changes or to withdraw designs and products without notice.

AMBIENT & WARM SMOKE & WEATHER SEALS

• Firepro Smoke and Weather Seals are also available in sizes, styles and colours not included in this data sheet.

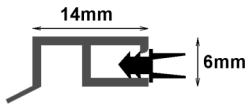
FP0511 Acoustic, Ambient and Medium Smoke Seal



FP0511 is a useful kerf seal. It is tested for medium/ambient smoke and acoustic and is widely used as a privacy seal (toilet cubicles, etc). The FP0511 has 2 flexible black fins 6mm long and a fixing leg that fits easily and quickly into a 3mm wide x

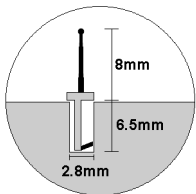
4mm deep kerf (groove). It requires no other fixings. Independent tests have demonstrated that this seal has maximum reliability with over one million open & close cycles without significant wear.

hP0511 Ambient Smoke Seal is the FP0511 inserted into a brown or white PVC holder for ease of application where cutting a kerf is not desirable. The PVC holder allows simple retro fitting with small nails or adhesive.



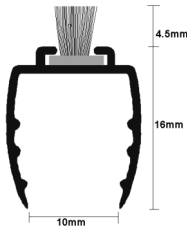
SLP Ambient Smoke Seal

Nipping/Sweep kerf seal for timber doors and windows.



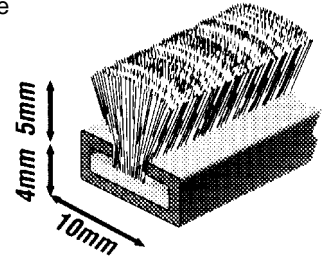
GE12-4 Ambient Smoke Seal

12mm Glass edge seal in clear PVC extrusion with black brush protruding 4.5mm out of holder.



ELB5 Ambient Smoke Seal

Smoke Brush Sealing Strip in clear High Impact PVC Casing with a self-adhesive backing tape and 5mm high grey brush. Available in 2.1M lengths.

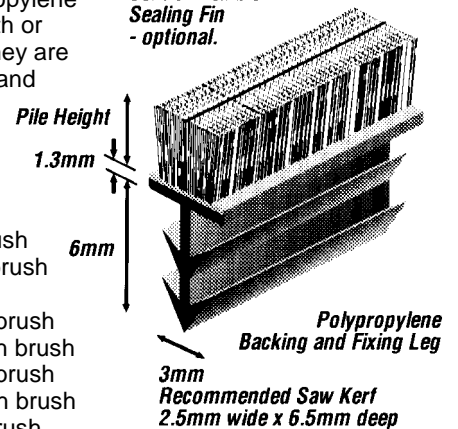


SL Series Ambient Smoke Brush Sealing Strip with Fixing Leg

Weather seal with non-corrosive flexible black woven brush seal, integrally bonded to rigid polypropylene fixing leg. Available with or without a central fin, they are proven against insect and draught enetration. Available in 10M rolls.

Woven Pile Weather seal

Central Flexible Sealing Fin - optional.



With Fin

SLF550 5mm high brush
SLF575 7.5mm high brush

Without Fin

SLB550 5mm high brush
SLB575 7.5mm high brush
SLB590 9mm high brush
SLB5115 11.5mm high brush
SLB514 14mm high brush

hBN Series Ambient Bristle Brush Smoke Seal

Bristle Brush Seal is for sealing larger gaps. Ideal for entrance, laundry, toilet and sliding doors. Ideal also for stopping draughts and as an insect barrier.

The aluminium holder with black brush, may be screw fixed or fixed with self-adhesive backing tape. Stocked in 3M lengths.



HBN11-3	11mm long brush
hBN17-3	17mm long brush
hBN23-3	23mm long brush
hBN28-3	28mm long brush
hBN47-3	47mm long brush