



ENVIROSEAL SMOKE & DRAUGHT SEALS

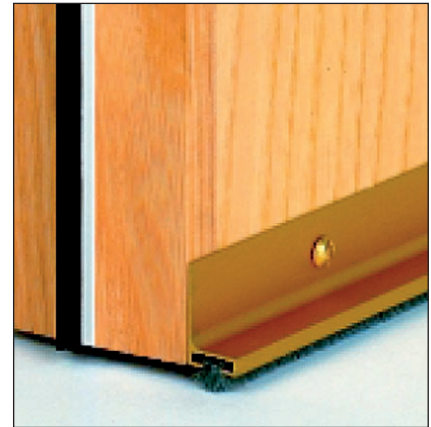
Flexible Seals that combat, Smoke, Noise, Dust, Toxic Fumes, Weather and Draughts

ENVIROSEAL HOLDERS

Enviroseal holders are designed to accommodate a wide range of available seals. Profiles are interchangeable so the specified seal simply slides into the holder. Once fitted, seals are simply pinned top and bottom to prevent movement. This unique slide-in assembly enables simple, cost effective replacement and upgrading.

are constrained using the control doorset. Test results are compared against a control doorset and show that the seals are highly effective in reducing airborne noise.

Weighted Sound Reduction Index (R_w)	
Control	20dB
Bulb seal – 6 mm	29dB
Flexifin – 5mm	29db



STANDARD HOLDERS

Standard – Rigid PVC normally rebated into doors and windows, available in two standard lengths, 1050mm, and 2100mm which are easily cut to size. Standard holders have a self adhesive backing to allow speedy and accurate fixing.

The standard range of colours includes white, cream, dark brown and black. Special colours are available to order.

SURFACE MOUNTED

Aluminium extrusion in milled silver or anodised silver with other colours manufactured to order. Suitable for doors, windows and loft hatches, surface mounted holders are available in easily cut to size 2134mm lengths. Surface mounted holders are pre-drilled for screw fitting.

EFFECTIVENESS

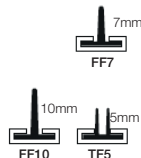
When cold smoke seals to BS 476 Part 31.1 are fitted, air leakage rates were shown to be reduced by over 80%.

ACOUSTIC TESTING

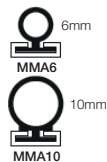
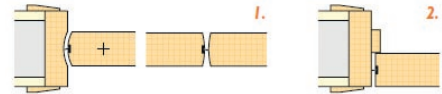
Measurements and calculations of reduction of airborne sound have been conducted by AIRO (NAMAS testing laboratory No 0483, Test No L/2579) in accordance with BS 2750, BS 5821 and ISO 354. Tests were carried out at one-third octave bands from 100hz to 5,000Hz and the Weighted Sound Reduction Index (R_w) determined.

This index figure is a property of the seal alone as all other possible variables

Flexifin
Seals against draught, smoke and fumes. Available with three blade sizes and as a twin blade option, Flexifin is used in the edges of double swing doors, in the stiles of single action double doors and for sliding doors and sash window

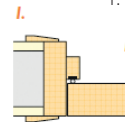


1. Double swing doors
2. If gaps are larger use compression seal on opposite side to blade



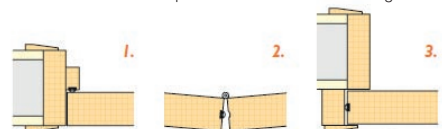
Compression seals
Circular profile seals for sound reducing doors and windows and as buffer seals for sliding and folding doors.

1. Fitted into doorstops



Buffer seals
Semicircular compression seals for use as stops around windows and doors, between folding doors and as buffer seals for sliding doors and sliding and sash windows.

1. Single action door
2. Folding door
3. Gaps can be sealed around sliding doors



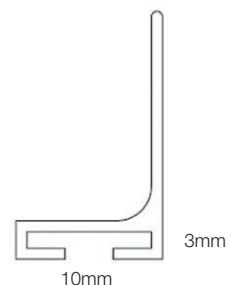
Teardrop seals
Self adhesive semicircular seals that provide effective stopping and buffering. Self adhesive strips mean that the seals can be quickly located and fixed. Teardrop seals are suitable for retrofitting to both steel and wooden doors.



Stop seals
Cup shaped seals that provide stops around door and sash, sliding and pivot window frames and draught and acoustic reduction.



Standard PVC Enviroseal holder



Surface mounted aluminium Enviroseal holder