

Acoustic Smoke Seals



LORIENT ACOUSTIC SMOKE SEALS

Batwing® and Firtree™

LORIENT CURVED FIN BATWING®

For fifteen years the Lorient Batwing® has been at the forefront of smoke and acoustic containment solutions for doors. But now, the Lorient Batwing®'s distinctive straight fins have been uniquely re-engineered into a subtle curved design, for even lower frictional resistance, to help meet the requirements of Document M, without losing any of the benefits of smoke and acoustic protection.

- New shape minimizes open/ close resistance
- Symmetrical design ensures fins are always in contact with two surfaces of door leaf, creating an air chamber to provide excellent acoustic properties
- Effective smoke seal up to 200°C
- Flexible elastomeric fin material springs back to original shape to provide durability in service
- Highly durable; tested for over 1,000,000 cycles on a full size door assembly without break-down – exceeding standard testing procedures
- Aggressive self-adhesive backing tested on many surfaces, including MDF
- Fully tested for performance and durability under the third party certification schemes CERTIFIRE (CF136) and British Board of Agrément
- Available in a variety of colours including black, brown, cream, silver grey or white. Other colours to special order
- Available in standard lengths of 1m and 2.1m. Single doorset pack consisting of 1 x 1m and 2 x 2.1m. Other lengths to special order
- Min / max gap size required: 3mm/ 4mm

ACOUSTIC PERFORMANCE

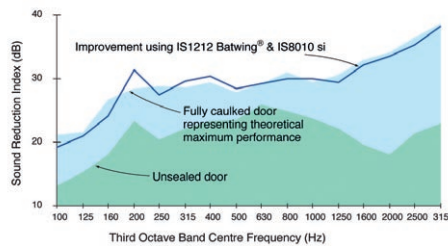
Acoustically tested in accordance with BS EN ISO 140-3:1995. Tests were undertaken on a typical FD30S door assembly, in conjunction with the IS8010 si automatic threshold seal, the Curved Fin Batwing® performed to 31dB Rw (see improvement in graph below).

Weighted Sound Reduction (Rw): 31dB

Sound Transmission Class (STC): 31dB



Typical Architectural Solid Core Door



FIRTREE™

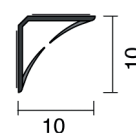
- The Firtree™ provides additional cold smoke protection around the perimeter of fire rated doors
- Smoke seal material: Elastomeric fins
- Available in standard lengths of 1m and 2.1m
- Available in black only
- Min / max gap size 3mm/ 4mm



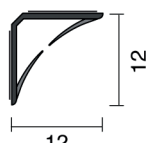
IS1507



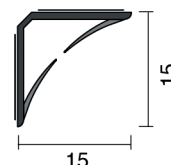
IS1212K



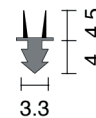
IS1010



IS1212



IS1S1S



IS1S11

Visit www.batwing.biz for further information