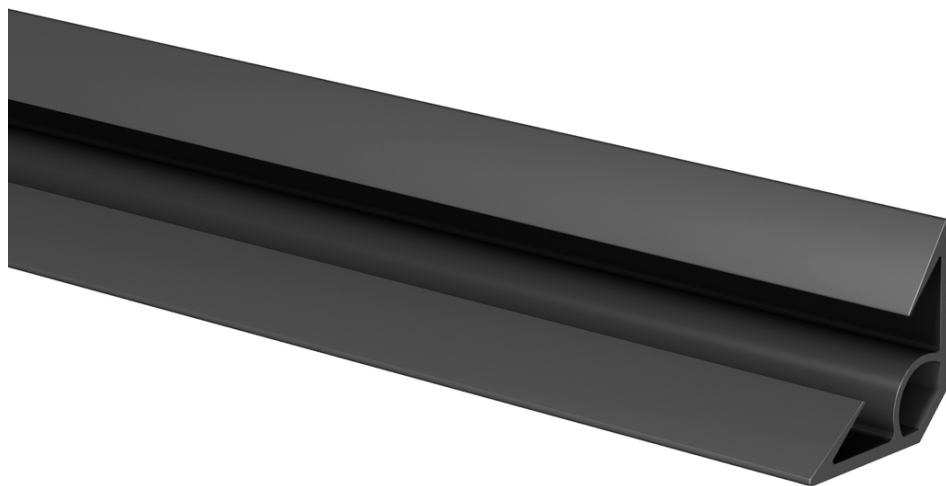




ACS-1 Smoke and Acoustic Perimeter Seal

Introduction

Mann McGowan ACS-1 is a cold smoke and acoustic seal which is surface fixed into the corner of the frame and doorstop.

The seal has 3 separate air pockets which provide an effective acoustic performance.

ACS-1 has a rigid 'L' shaped PVC backing complete with self adhesive backing with a soft rubber fin protruding from each corner. An additional semi circular rubber seal providing a buffer stop to the corner of the door leaf. The buffer seal also protects the two rubber wings from long term damage.

Features

- Supplied with easy to fit high-tack self-adhesive backing as standard
- No machining required
- Durable resilient fins and central bulb
- Cold smoke and acoustic seal
- Unique design - hardwearing and highly effective as an acoustic barrier
- Community Design Registration No 002969204-0001
- Minimum of 34-35dB achieved using standard FD30 and FD60 doors
- Successfully tested for cold smoke sealing and acoustic performance
- Co-extruded with robust rigid PVC mounting elements
- Available in standard length of 2200mm
- Available in a range of colours to suit application

ACS-1 Smoke and Acoustic Perimeter Seal

Performance

Acoustic tests have been conducted in accordance with the standards listed below:

BS-EN 10140-1

BS-EN 10140-2

35dB can be achieved.

ACS-1 has been successfully tested to BS476 pt 31;1 for cold smoke sealing (air leakage).

Cycling test: 100,000 opening and closing cycles.

Lengths

ACS-1 is available as standard in 2200mm lengths, other lengths can be provided upto a maximum of 3000mm.

Widths

ACS-1 is available as standard in widths of 10mm x 10mm or 12mm x 12mm.

Finish

ACS-1 is available in the following colours:

Clear

White

Brown

Dark Brown

Black

Fitting

ACS-1 should be surface fixed at the junction of the door stop and frame at the point the doorleaf closes into the stop. Remove the backing paper from one side only and carefully position applying light pressure to locate the seal, carry out the same with the second leg and once satisfied that it is correctly positioned apply further pressure to both legs.



Sound
up to 35dB



Smoke
1.7m³/h/m-25Pa



Opening & closing
100,000 cycles



Disabled



Insects

Ordering

All Mann McGowan products can be ordered directly from our sales team on:

+44 (0) 1252 333601

or by email:

sales@mannmcgowan.co.uk

Technical Services

Mann McGowan can advise on the use and application of any of our products.

We can also provide presentations or attend site surveys at your request.

Our quality management system is registered in accordance with ISO 9002 by SGS Ltd.

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Glass & Glazing Federation



Intumescent Fire Seals Association



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MANN McGOWAN

Intumescent Fire Smoke & Acoustic Seals

Mann McGowan Unit 4, Brook Trading Estate, Deadbrook Lane, Aldershot, Hampshire GU12 4XB England
Telephone: Aldershot +44 (0)1252 333601 • Fax: Aldershot +44 (0)1252 322724 • Email: sales@mannmcgowan.co.uk

www.mannmcgowan.co.uk