



DD-1703ACU Threshold Seal

Introduction

Mann McGowan DD-1703ACU, is a robust twin adjustable threshold seal which allows the drop mechanism to be adjustable at both ends for both downward movement and tilt control to provide strong even pressure over the entire length, so providing an enhanced seal which can be fine tuned to suit the environment it is designed to operate within. DD-1703ACU will provide acoustic, cold smoke and environmental sealing when used in conjunction with suitable doors and has achieved a 60 minute fire rating when tested to BS 476 pt. 22 1987.

Features and Benefits

- High quality aluminium threshold seal
- Seals gaps up to 18mm
- Simple to fit with slide and click mechanism
- Excellent noise-reducing performance up to 50dB
- Easy to adjust from either end using a slot head screwdriver
- FD60 rating
- Successfully tested for cold smoke sealing
- Available in lengths of 630, 830, 930, 1030 and 1130mm
- Optional end plates and cover plates available

DD-1703ACU Threshold Seal

Description

DD-1703ACU has an aluminium casing measuring 28.5mm deep x 13mm wide, housing a self-extinguishing EPDM seal which provides coverage for threshold gaps up to 18mm high and is adjusted using the two screws as shown on the sectional drawing.

Each seal can be cut down by 100mm in a simple one cut action which does not require the seal to be dismantled.

Performance

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

EN ISO 10140-1

EN ISO 10140-2

50dB can be achieved (dependent on door type used).

DD-1703ACU has been assessed to BS 476 Part 22 for use on both FD30 & FD60 Door sets and has been successfully tested to BS EN 1634-3 for cold smoke sealing.

Cycling test: 200,000 opening and closing cycles.

Lengths mm

DD-1703ACU is available in the following standard lengths:

- 1130mm
- 1030mm
- 930mm
- 830mm
- 630mm

Other lengths are available upon request.

DD-1703ACU can be trimmed by up to 100mm in a simple one cut action.

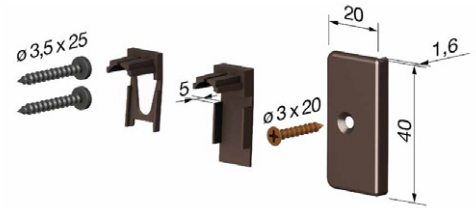
Fitting

DD-1703ACU utilises a simple click to fit installation method, the inner mechanism simply slides out, the outer casing is then fitted into the prepared rebate and secured using the supplied screws and the inner mechanism can then slid back and clicked into place. This also allows the seal to be removed without removing the door. Optional end plates and cover plates can be specified if required.

Slide in and click to fit



Accessories and end plates



Acoustic rating up to 50dB



Fire FD30 & FD60



Opening & closing 200,000 cycles



Smoke 2.30m³/h/m-25Pa



Wind



Disabled



Weather



Insects

Ordering

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

+44 (0) 1252 333601

or by email:

sales@mannmccgowan.co.uk

Technical Services

Email: **technical@mannmccgowan.co.uk**

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 9001:2015 by SGS Ltd.

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