



## DD-420S Threshold Seal

### Introduction

Mann McGowan DD-420S, is a robust threshold seal providing acoustic, cold smoke and environmental sealing when used in conjunction with suitable doors.

DD-420S has achieved a 30 minute fire rating when tested to BS 476 pt. 22 1987.

Acoustic values of upto 35dB can be achieved depending on door type selected.

### Features and Benefits

- High quality aluminium threshold seal
- Seals gaps up to 13mm
- Simple to fit with slide and click mechanism
- Easy to adjust using slot head screwdriver
- FD30 rating
- Excellent noise-reducing performance up to 35dB
- Available in 3 standard lengths 630, 930 and 1130mm
- Optional end plates and cover plates
- Successfully tested for cold smoke sealing

# DD-420S Threshold Seal

## Description

The DD-420S has an aluminium casing measuring 28.5mm deep x 12.5mm wide, housing a self-extinguishing silicone seal which provides coverage for threshold gaps up to 13mm high and is simply adjusted using the black button and a cross head screwdriver.

Each seal can be cut down by 200mm 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  
35dB can be achieved.

DD-420S has been assessed to BS 476 Part 22 for use on FD30 Door sets.

DD-420S has been successfully tested to BS EN 1634-3 for cold smoke sealing (air leakage).

Cycling test: 200,000 opening and closing cycles.

## Lengths mm

DD-420S is available in the following standard lengths:

- 1130mm
- 930mm
- 630mm

Other lengths are available upon request.

DD-420S can be trimmed by up to 200mm in a simple one cut action.

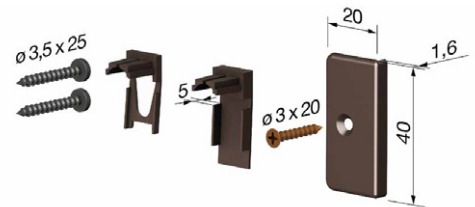
## Fitting

DD-420S 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 supplied screws, the inner mechanism is 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 35dB



Fire FD30



Opening & closing 200,000 cycles



Smoke 2.30m<sup>3</sup>/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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Glass & Glazing Federation



Intumescent Fire Seals Association



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Intumescent Fire Smoke & Acoustic Seals

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