

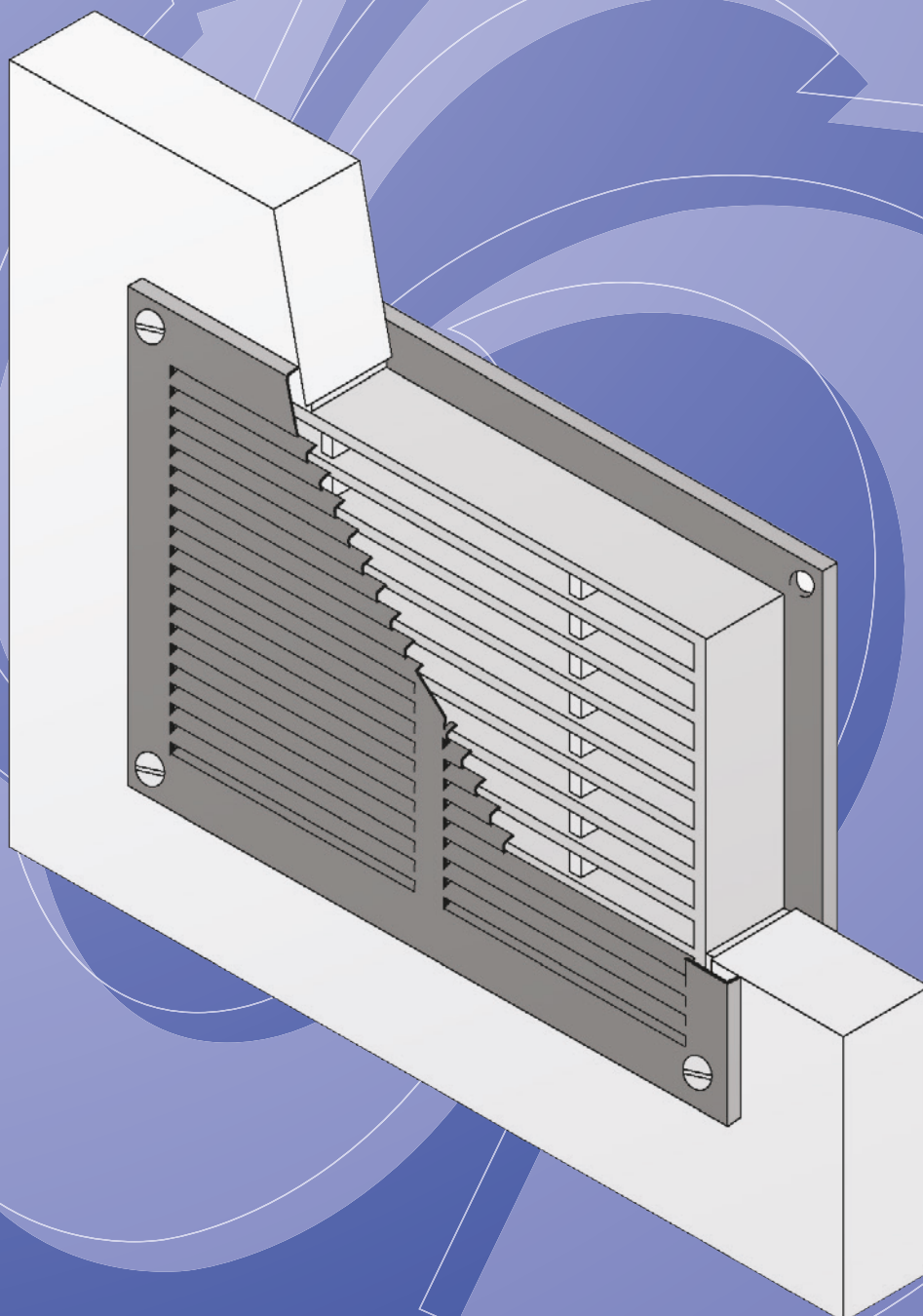
SERIES FB

Door, Wall & Partition Mounting
Intumescent Air Transfer Grilles

PUBLICATION

DAMPERS 6

SEPTEMBER 2024



Features

- 60 or 120 Minute Fire Rating.
- Door, Wall or Partition Mounting.
- Narrow 38mm Thickness.
- Approx 60% Free Area.
- Fast Temperature Reaction.
- Tested in flexible walling and ducting to BS476: Part 20: 1987, offering up to 120 minutes
- Tested in timber doors to BS EN1634-1:2014, offering up to 60 minutes fire integrity



GILBERTS

SERIES FB

Door, Wall & Partition Mounting Intumescent Air Transfer Grilles

Introduction

Gilberts FB Series provides a compact, efficient range of intumescent seals designed to satisfy many types of air transfer application in offices, shops, schools, hospitals and many other commercial projects. Suitable for use in doors, walls or partitions the intumescent seals are fabricated from thin intumescent slats which, under normal circumstances allow air to pass smoothly and freely however, in the event of a local fire they expand to many times their original thickness fusing to form a barrier to hot smoke and flames. With the added benefit of a PVC coating, the units provide trouble free operation with low maintenance, and no periodic testing requirements.

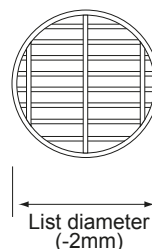
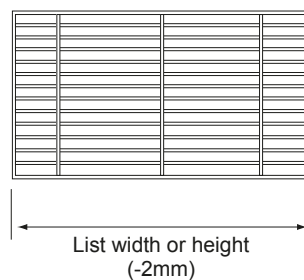
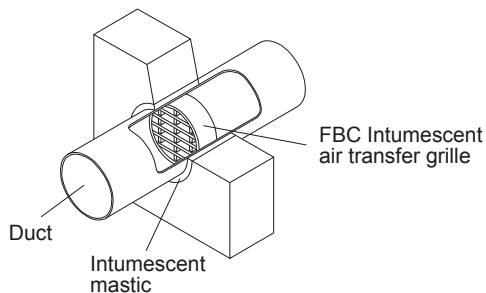
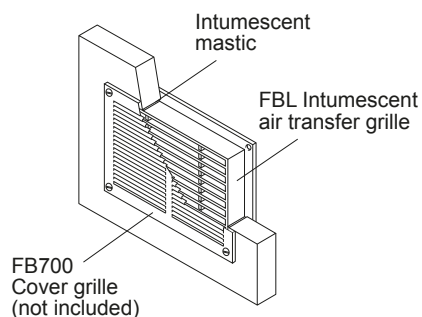
The square/rectangular FBL model has been tested in a timber door to BS EN1634-1:2014 and offers up to 60 minutes of fire integrity. In flexible walling and ducting both the FBL and FBC circular have been tested to BS476: Part 20 1987 offering up to 120 minutes of fire integrity.

Available sizes range from 100mm sq up to 600 x 600mm and 100-600mm dia. Larger sizes possible with multiple assemblies. Please contact Gilberts technical team for further guidance.

Matching fascia/cover grilles are available with the FB700 Series air transfer grille (see separate data sheet).

Dimensional Details

TYPE FBL & FBC



FREE AREA - (all units) Approx 60%

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Door, Wall & Partition Mounting Intumescent Air Transfer Grilles

Ordering Specification

SERIES FBL OR FBC	FBL	300 x 300	6
LIST SIZE (WIDTH X HEIGHT OR DIA MM)			
NUMBER REQUIRED			

(To order fascia grilles please see FB700 Series data sheet)

Fixing

Screw through frame into surrounding timber or duct and seal with intumescent paste.

Size Range

FBL & FBC: 100 to 600mm Sq/Dia in 25mm increments.

Operating & Maintenance

Product is maintenance free however periodic cleaning using a damp cloth with mild detergent to remove any build up of dirt is recommended

GILBERTS

Head Office and Works
GILBERTS (BLACKPOOL) LTD
Gilair Works, Clifton Road, Blackpool, Lancashire FY4 4QT.

Telephone: **(01253) 766911**
e-mail: **sales@gilbertsblackpool.com**
Web: **www.gilbertsblackpool.com**

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