



FPC(UK) Ltd Manufacturers and suppliers of quality **Firesure®** Fire Protection Products.

Tel:- 01384 633660
www.fpc-uk.com Email:- sales@fpc-uk.com

Home of **Firesure®** 'Fire Protection Certified', range of products .

FIRE GRILLE BLOCKS & LOUVERED COVERS **Data Sheet 10209**

Description

The **Firesure®** Fire Rated Grille blocks and Louvered cover plates are designed to give approx. 80% free air area grille plates or other fireproof covers may reduce this in situ. The system allows for air movement and prevents stale air. The FIRE rating must be matched to the door or wall fire performance ratings to ensure the overall fire performance integrity is not compromised. For use on doors and walls tested up to a maximum of **60** Minutes Integrity . The **Firesure®** range is designed to be easily fitted on doors 44mm or thicker and walls of minimum thickness 75mm . Covers tested fitted both sides on doors. All gaps or edges round the blocks must be sealed with **Firesure®** high performance intumescent mastic. The FPC range of **Firesure®** is probably the only range backed by **Failure to perform insurance** called **Efficacy insurance** (or 'failure to perform' cover) protects you against the legal liability for injury to third parties, or damage to third party property, when a product or service you supply fails to perform its intended function subject to being fitted all in accordance with specified installation details and within the tested scope of application. Covered up to £10,000,000.00 .

Features and Benefits

One product can cover both fire and acoustic requirements

Fire Tested up to 1 hour to; BS476: Part 22

Warrington reports refer

146520

146521

148053

Ass 149511

Material complies with BS476 Class 0 to building regs

Material complies with BS476 Part 6 no spread of fire

Grilles are POWDER COATED steel IN Silver aluminium effect and white (other colours available POA)

Unaffected by water/moisture and none toxic.

Lightweight (one person can install)

No on site assembly required

Covers easily removed for cleaning and maintenance

Cost effective, Easy to install, Maintenance free, Available in all standard and none standard sizes poa

Wear test requires **Firesure®** intumescent high performance intumescent mastic

If upgrading doors then see our hinge and lock paper along with our seals on separate data sheets

Will last life time of door without performance failure



*** Can be Manufactured in none standard***
*** sizes if required ***





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Below are standard manufactured sizes standard BLOCKS AND GRILLES

mm	WIDTH											
	100	150	200	225	250	300	350	400	450	500	550	600
100	X	X	X	X	X	X	X	X	X	X	X	X
150		X	X	X	X	X	X	X	X	X	X	X
200			X	X	X	X	X	X	X	X	X	X
225				X	X	X	X	X	X	X	X	X
250					X	X	X	X	X	X	X	X
300						X	X	X	X	X	X	X
350							X	X	X	X	X	X
400								X	X	X	X	X
450									X	X	X	X
500										X	X	X
550											X	X
600												X

FIRESURE CIRCULAR FIRE BLOCKS **Sizes are OD of block**

mm	100	150	200	225	250	300	350	400	450
100	X	X	X	X	X	X	X	X	X

SIZES ARE FOR CIRCULAR FIRE BLOCKS ONLY don't do circular grilles

How do I install a fire grille the Grilles are tested with a Steel face Plate either side. Suitable for fitting up to 1,000mm (1m) from floor level. The top of the grille should not be higher than 1000mm from the floor. For block work installation, block work should be a minimum of 75mm thick and with a suitable lintel above the grille as the grille is non load bearing. Line the aperture with FIRESURE mastic and mechanically fix the Grille in place with steel screws in each corner and at 150mm centres both sides. Door work installation should be a minimum of 44mm thick. The doorset must have been shown capable, by test or assessment, of accepting an aperture of the dimensions required by the proposed Grille without detriment to its fire resistance performance. When determining acceptable aperture cut out dimensions, it is permissible to utilise aperture dimensions approved for glazed vision panels that have not been used. For further information on installation requirements please refer to the door manufacturer data and wall specification data to ensure the compatibility of this product



This product should be fitted as above. All the information issued in this data sheet is believed to be current and accurate at date of publication, but in no way is it intended as a warranty, expressed or implied. User must satisfy themselves as to suitability for their individual application and use. It is users responsibility to ensure they have correct up to date issue of this data sheet.