



Certificate No: IFCC 1001

This certificate certifies that the products below
manufactured by

Pyroplex Ltd

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Web: www.pyroplex.com

Satisfies the requirements of IFCC scheme SDP 032 for Air Transfer Grilles. This includes the testing of products to **BS476: Part 22: 1987**, the inspection of the Factory Production Control and continuing surveillance audits and testing of samples of products taken from production. The products used as specified will contribute to fire resistance performances of **30 minutes and 60 minutes integrity**

Pyroplex® Air Transfer Grilles

The certificate remains valid subject to satisfactory annual surveillance of factory production control by IFC Certification. The reader should contact IFC Certification or refer to www.ifccertification.com to validate its status.



First Issued: 8 February 2013

Reissued: 19 March 2018

Valid to: 7 February 2023

Issue No: 3

A handwritten signature in black ink, appearing to read 'Ian Woodhouse'.

Ian Woodhouse
Director of Certification



175

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Pyroplex® Air Transfer Grilles

The grilles comprise a range of intumescent grilles designed to be fitted in fire resisting separating elements and to allow free movement of air at ambient conditions but to close in the event of a fire to maintain the integrity of the separating element. Pyroplex Air Transfer Grilles should not be fitted on doors which are required for smoke sealing compliance.

A range of grille sizes can be produced from two modules of size 150mm by 150mm and 225mm by 112mm each 40mm thick.

The frames are of 0.65mm thick Zintec mild steel with Zintec clips. The faceplates are constructed from 1.0mm thick powder coated Zintec mild steel.

Grille reference and size

Part No.	Dimensions [mm]	Fire Resistance	Free Air Flow
ATG 1500	150 x 150 x 40	30 min and 60 min	153 cm ²
ATG 1503	150 x 300 x 40	30 min and 60 min	307 cm ²
ATG 1300	300 x 300 x 40	30 min and 60 min	614 cm ²
ATG 2251	112 x 225 x 40	30 min and 60 min	161 cm ²
ATG 2250	225 x 225 x 40	30 min and 60 min	323 cm ²

Faceplate reference

Part No.	Compatible with grille	Free Air Flow
FP 1500	ATG 1500	150 cm ²
FP 1503	ATG 1503	295 cm ²
FP 1300	ATG 1300	593 cm ²
FP 2251	ATG 2251	159 cm ²
FP 2250	ATG 2250	320 cm ²

Refer to Pyroplex technical datasheet for further information



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Application in fire resisting timber fire doors

- i) **Pyroplex® Air Transfer Grilles** are approved for use in timber or timber based fire resisting doors of minimum thickness 42mm proven fire performance to BS476 Part 22 1987 for the required fire resistance period, up to 60 minutes. The doors shall be proven with an aperture of size no smaller than the size of grille to be fitted. Note: that test evidence for a glazed aperture is acceptable.
- ii) The aperture in the door shall be no closer than 150mm to the bottom edge of the door and no higher than 1850mm
- iii) The aperture should be lined with 6mm hardwood
- iv) Pyroplex® Intumescent Acrylic Sealant should be applied to a thickness of 0.5mm across the width of the aperture reveal
- v) The grille should be secured with pins or screws

Insert sections through timber doors – see file ref 'Pyroplex ATG Diagram'