



passive fire protection and insulation

Suppliers of passive fire products,  
acoustic and specialist insulation  
Manufacturers of the Safire® Fire Stopping Range

Uniclass	EPIC
CI/SIB	

## Fire Rated Air Transfer Grilles



- Robust, modular construction
- Easy to install
- Maintenance free
- Intumescent strip material is totally unaffected by water
- Robust, non-flaking and difficult to tear

Where there is a need to ventilate fire compartments, Fireus offers a comprehensive range of fire rated Air Transfer Grilles that are suitable for use in fire resisting doorsets and compartment walls for up to 60 minutes fire resistance.

In normal use, the system allows air to be circulated and moved throughout the building. During a fire the system is designed to close and provide a fire barrier to restrict the passage of hot gases.

**60**  
mins

# Fire Rated Air Transfer Grilles

## Application

Fireus air transfer grille systems have been specifically designed for use in the following applications:

- **Fire resisting doorsets - 30 minutes and 60 minutes**
- **Compartment walls - up to 60 minutes fire resistance**



## Grilles

Grilles constructed from ZintecMild Steel (0.65mmthick) with matching Zintec clips.

## Faceplates

Faceplates are constructed from Zintec Mild Steel and powder coated. Faceplates are available in a choice of three powder finishes - white, silver and beige.

Faceplates are supplied with fixing screws.

## Testing

Fireus Air Transfer Grille Systems are independently tested by Bodycote/Warringtonfire for 30 and 60 fire resistance - Test Reports No.146520/146521 and 148053 apply - combined within WF Assessment Report No.149511.

## INSTALLATION

The installer must ensure that the doorset/door blank has been tested with an aperture to accept an air transfer grille system for the required period of fire resistance. Failure to comply with the requirements and instructions detailed in the specification of the doorset/blank may invalidate the fire resistance period of the fire resisting door assembly.

### Position and Location Within the Doorset

As the test series includes both positive and negative pressure tests, it is considered that the grilles may be installed within doorsets adhering to the following criteria. The system shall be installed no closer than 150mm to the threshold and no higher than 1850mm.

### Installation Procedure

1. Cut the aperture in the door.
2. Line the aperture with a 6mm-hardwood liner.
3. Apply a bead of Pyroplex® intumescent acrylic centrally and spread the acrylic across the full width of timber liner, to achieve a thickness of 0.50mm.
4. Install the Air Transfer Grille into the aperture.
5. Secure the system into place using steel pins (not supplied). Alternatively, secure the system using self-tapping screws.
6. Fit the cover plates on both faces of the door and secure with screws provided.

Other products in the Fireus Products range:

**FIRE BARRIERS:** Total Comfort Rock Fibre Fire Blanket

**FIRE STOPPING:** Compound  
Fire Collars  
Barriers (Batts)  
Sealants  
Fire Pillows  
Expansion Joints  
Flamestop60  
Flamestop FSI

**THERMAL:** Industrial thermal and acoustic insulation

For information on any of the above, or the name of your nearest distributor, please contact our sales department on tel. 01524 388898.

Alternatively, product information is available from our web site at [www.fireus.co.uk](http://www.fireus.co.uk)

Your distributor:



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