

FIRE RATED AIR GRILLE

Pyrogrille Fire Rated Air Grille

TECH SHEET: ACC-01

Issue: 03-08-2010

Intumescent Fire Resistant air grille suitable for use in fire rated doors

DESCRIPTION

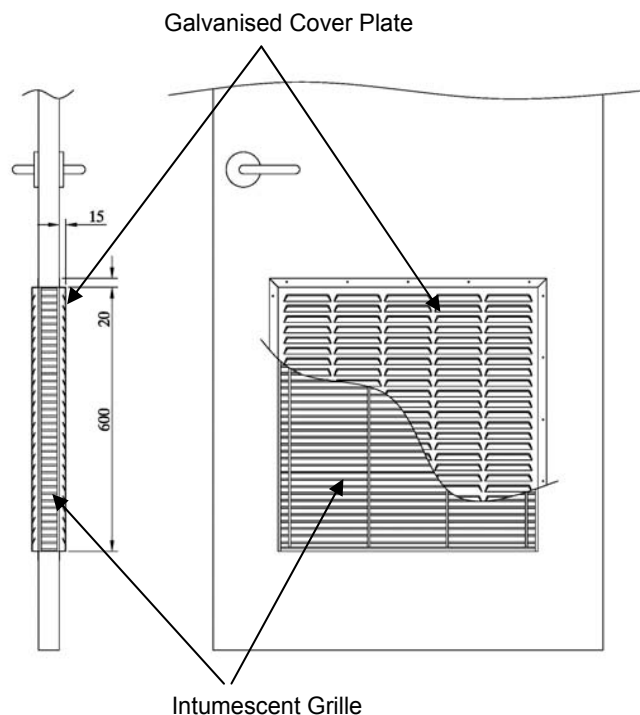
Pyropanel PYROGRILLE is an intumescent fire resistant air grille, especially designed to provide fire protection of air relief penetrations in fire doors. The intumescent material softens at high temperatures to completely seal the penetration and maintain the fire resistance level of the door or wall. Tested to AS1530.4-1997, BS476-Part 22:1987, and Annex E of SS332:2000

APPLICATIONS

Air Flow penetrations through all types of Pyropanel Fire Rated Doors with FRL up to -/180/30. *Note: these grilles are not Fire Dampers.*

FEATURES

- Maintains the Fire Resistance level of any Pyropanel Fire Resistant Door with an FRL of up to -/180/30
- Easy to Install
- Galvanised cover plates to each face of door
- Allows air circulation to maintain temperature control
- Reduces door closing pressure on enclosed rooms



INSTALLATION

1. Cut penetration in door – note: penetration must be a minimum of 150mm from all door edges.
2. Insert intumescent grille into center of cavity.
3. Seal intumescent grille into penetration with Pyropanel Multiflex fire resistant sealant, ensuring any gaps around the entire perimeter of the penetration are filled with the sealant.
4. Install cover plate to both sides of door or opening.
5. Where the door thickness exceeds 70mm, two intumescent internal grilles are required, each to be installed within 5mm of the face of each side of the door

TEST RESULTS

Up to -/180/30 for AS 1530.4-1997, BS476- Part22:1987, and Annex E of SS332:2000

MODELS AVAILABLE

Model	Penetration opening size (H x W) (mm)	Overall size including cover (mm)
IGS300X300	300 x 300	340 x 340
IGS300X600	300 x 600	340 x 640
IGS450X450	450 x 450	490 x 490
IGS450X600	450 x 600	490 x 640
IGS600X600	600 x 600	640 x 640

HOW TO SPECIFY

“Door to be a Pyropanel fire rated door with a Pyropanel Pyrogrille Fire rated air grille, IGS300X300”... etc,