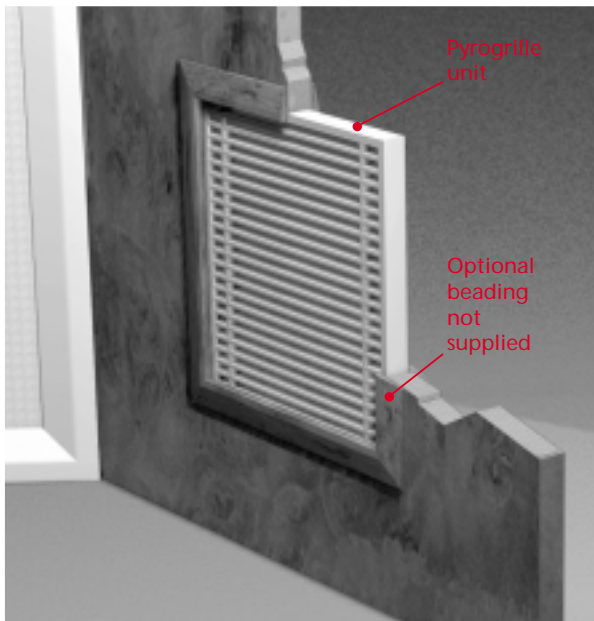


All the options you need for air transfer grilles.



◀ PYROGRILLE ▲ Circular PYROGRILLE

Introduction

Ventilation and air conditioning ducts that penetrate fire separating elements need to have their integrity maintained.

This also applies to fire resisting doors that require the passage of free air through them, such as doors to boiler rooms.

PYROGRILLE air transfer grilles can provide up to 90 minutes integrity and 75 minutes insulation in accordance with BS 476 Part 22 1987, but still allow 50% free air flow in normal use.

Description

PYROGRILLE air transfer grilles are manufactured from high performance intumescent slats, spaced 12mm apart. The thickness of the units are 38mm.

PYROGRILLE air transfer grilles are manufactured to size. Circular PYROGRILLES are available in standard sizes of 100mm, 125mm, 150mm and 200mm.

Steel cover grilles are available for square and rectangular units, please consult with our sales office regarding sizes available.

Performance

PYROGRILLES have been subjected to fire resistance tests in accordance with BS 476 Part 20 : 1987 and assessed to Dutch Norm NEN 6069. These tests and assessments are summarised as seen in the chart opposite.

Performance testing

Pyrogrille	Integrity (mins)	Insulation (mins)
Warrington C67719/A/C	36	36
Warrington C67719/A/E	46	46
Warrington C67719/A/P1	66	66
Warrington C67719/A/P2	66	66
Warrington 103908	90	75
Warrington C106643	V*	V*
TNO 08.20.6. 7198/539	66	66
TRADA IT284/E1	31	31
TRADA IT285/C1	66	66

* V = Various

Installation

Fire resisting doors and partitions.

PYROGRILLE units can be fixed into fire resisting doors or timber stud partitions using a hardwood or steel flange. Alternatively wood screws can be used through the perimeter of the units.

Gaps around the PYROGRILLE unit greater than 3mm should be fire sealed using PYROMAS A intumescent sealant.

Ventilation ducts

PYROGRILLE dampers must be secured within the ducting using 4 self tapping screws. On circular PYROGRILLES the screws should pass through the aluminium rings on the outer part of the PYROGRILLE. Clearance gaps should be sealed using PYROMAS A intumescent sealant.

FOR EXTERNAL APPLICATIONS OR HARSH ENVIRONMENTS, PLEASE CONTACT OUR TECHNICAL DEPARTMENT FOR ADVICE.

Finishes

Standard colour white.
Non standard colours red and bronze.

Maintenance

Since there are no moving parts to go wrong, PYROGRILLES are easily maintained. Units should be cleaned using a damp cloth. Grease can be removed by using neat liquid detergent or methylated spirit. Strong degreasing agents should not be used nor should the units be immersed or saturated with water.

Technical Services

Mann McGowan can offer advice on the specification or installation of PYROGRILLES or any of our products. Please contact our technical department.

Ordering

PYROGRILLES can be ordered by contacting our sales department.

When ordering please state, fire resistance required, width, height and colour.

All the information, specifications and illustrations contained in this literature is given as guidance only and does not form part of any contract.

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