

Intumescent Air Transfer Grilles



SLOTGRILLE

Up to 60 minutes fire resistance

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.

Slotgrille air transfer grilles can provide up to 60 minutes integrity and insulation in accordance with BS 476 Part 22 1987, but still allow 60% free air flow in normal use.

DESCRIPTION

Slotgrilles are manufactured from horizontal slats of high performance intumescent spaced 16mm apart. 38mm thick units provide up to 60 minutes fire resistance.



Circular Slotgrilles are available in standard sizes of 100mm, 125mm, 150mm and 200mm.



Circular Slotgrille

INSTALLATION

Fire resisting doors and partitions

Slotgrille 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 Slotgrille unit greater than 3mm should be fire sealed using an intumescent sealant.

Ventilation Ducts

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

FINISHES

Standard colour white.

Non standard colours red and bronze.

MAINTENANCE

Since there are no moving parts to go wrong, Slotgrilles 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.

ORDERING

Slotgrilles can be ordered by contacting our sales department.

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



Slotgrille

PERFORMANCE TESTING

Slotgrille	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

COVER PLATES



Optional cover grilles for walls, doors and ends of ducts pressed steel and aluminium options available.