

Dortek Acoustic Doors

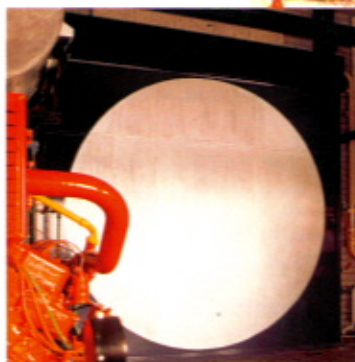
Dortek's range of acoustic doors are fully tested and achieve an average level of sound reduction up to 55dB. They are suitable for a wide variety of applications including sound and broadcasting studios, theatres, schools, test cells, factories and heavy engineering plants.

A patented rail system allows safe and easy operation combined with perfect sealing to the frame and sill when closed. The door blade construction makes best use of high grade materials, finishes include plastic laminates, wood veneers, plastisol coated or galvanised steel, depending upon the application and the model selected.

Doors can be manual, semi-automatic or fully automatic with electric, hydraulic and pneumatic drives. Emergency opening, linked to alarm systems, and battery backup are all options.



AM2 55dB
Sliding door in TV studio



AM2 50dB
Sliding door in compressor station

Door Type		Average Reduction	Sound reduction in dB at various frequencies						Test Report
			125 Hz	250 Hz	500 Hz	1000Hz	2000Hz	4000Hz	
Sound Insulating Doors	AMS-43dB	43	24	30	35	46	57	66	Lab Luik
	AM2P-45dB	45Rw	32	37	41	45	47	54	Peutz bv
	AM10P-45dB	45Rw	32	37	41	45	47	54	Peutz bv
	AM2P-50dB	50Rw	41	41	45	51	60	63	Peutz bv
	AM10P-50dB	50Rw	41	41	45	51	60	63	Peutz bv
	AM2-55dB	55	44	48	53	57	61	67	TNO

REFERENCE SITES/CLIENTS:

Shepperton Studios, Middlesex
Rolls Royce, Derby
Harlow Theatre
British Aerospace, Hatfield
London Weekend Television
The Old Vic
BBC, Manchester
Granada Television, Manchester
Tyne Tees Television, Newcastle

Our policy is one of continuous development and we reserve the right to change specifications without prior notice.
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Dortek Fire Doors

Dortek's range of fire doors includes sliding and hinged doors for general use and chill/freezer rooms as well as roller shutters. All have been fully tested or an assessment has been made.

The sliding doors have between 30 and 360 minute resistance and details are shown in the table below. The doors can close in the event of a fire via a counter-balance or spring mechanism and are activated by a fusible link or fire alarm signal. Fully automatic drive systems are also available.

Our hinged doors are available in steel for general purpose applications, with up to 4 hours resistance, and GRP for hygienic situations, with 30, 60 and 120 minute versions. Our roller shutters are suitable for all areas with up to 4 hours resistance.

REFERENCE SITES/CLIENTS:

Searle, Morpeth
 Zeneca Pharmaceuticals, Macclesfield
 Northern General Hospital, Sheffield
 Leicester Royal Infirmary
 Safeway Supermarkets
 Asda Supermarkets
 Northern Foods
 Birds Eye Walls



M2-BR 360 (above)
 6 hour sliding fire door with
 pneumatic opening device



WEN-PLAST F120
 2 hour fire resistant doors

Door Type	Integrity (minutes)	Thermal Insulation (minutes)	Tested by
M4-40 RF30 (Sliding)	38	38	NT Fire 008, ISO 3008
M2 - T60 (Sliding)	196	60	NEN 3885, ISO 3008, NBN 713-20
M2 - T120 (Sliding)	165	163	NEN 6069, ISO 3008, NBN 713-020
M2 - BR360 (Sliding)	360	360	Fire Insurance Specification
C Type (Steel Hinged)	30-240		BS 476, Part 22
F Type (GRP Hinged)	30-144	30-64	BS 476, Part 22
Steel Rolling Shutters	30-240		BS 476, Part 22