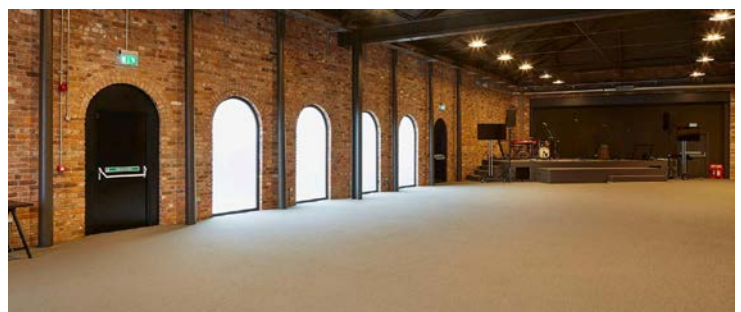
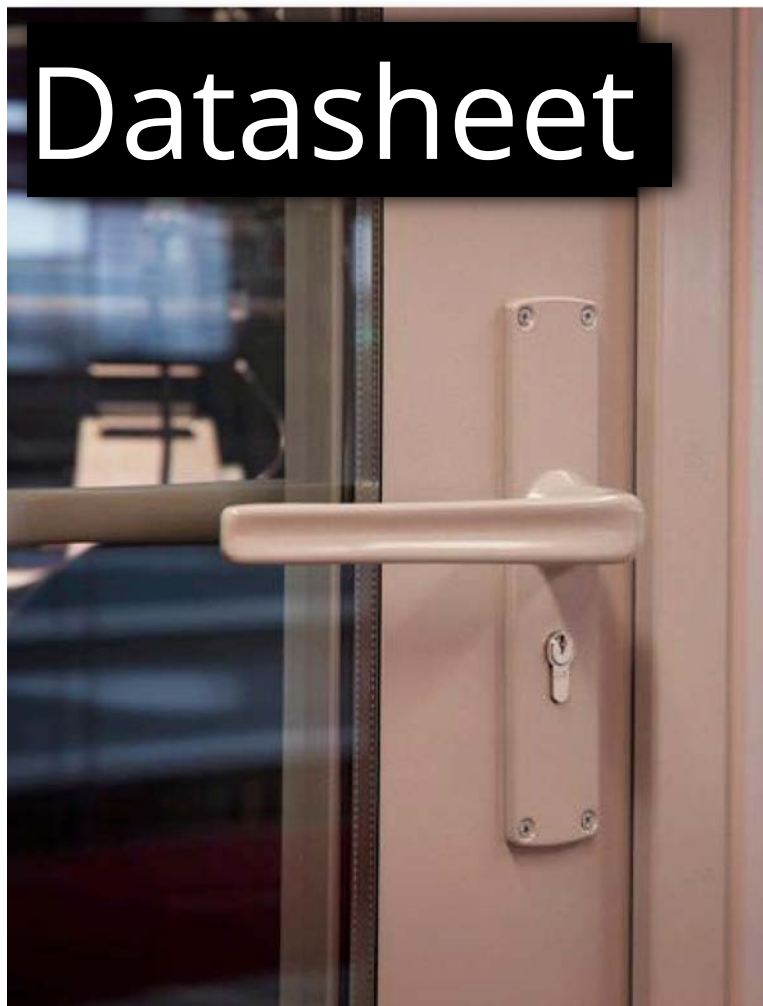




Datasheet



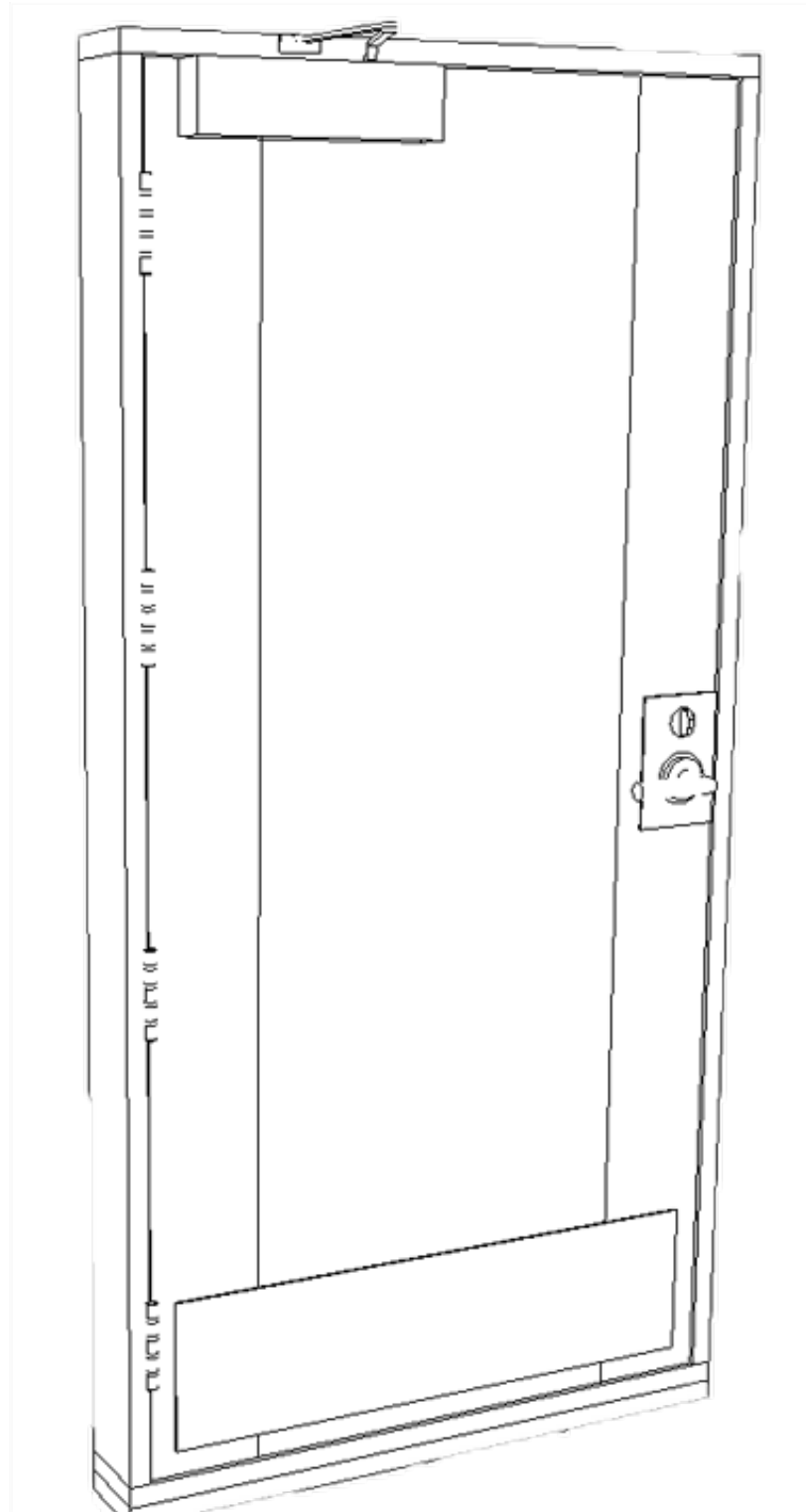
 SOUNDIS

# SoundDoor Steel

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## Product Description

Our SoundDoor range has been designed to significantly reduce sound transmission providing privacy to any architectural space. SoundDoor comprises both double and single leaf acoustic door sets and are suited for both internal and external use. Our metal doors are available with either Rw41dB, Rw47dB, Rw53dB and Rw56dB ratings, manufactured using robust and reliable steel construction methods. SoundDoor comes pre-hung within its door frame complete with double acoustic seals and its specially designed hinges ensuring durability and longevity.



### Design Your Space

Our experienced team have a wealth of knowledge and can provide consultants, architects and contractors with expert advice on all aspects of noise control improvements to help ensure that the maximum design and performance specifications can be achieved.

### Finish & Colour

SoundDoors are spray painted to any RAL colour. Further details are available upon request.

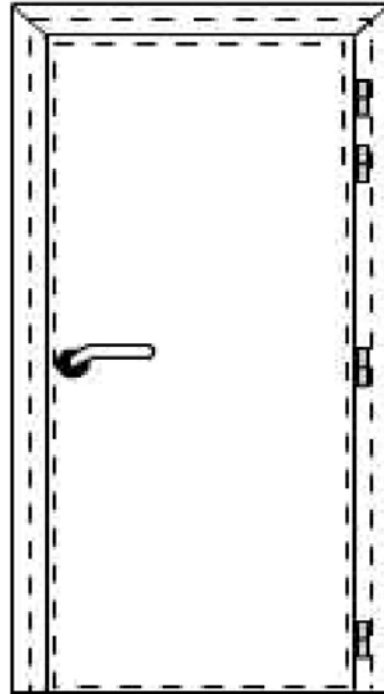


### Any RAL Colour Available

1000 Green Beige	1001 Pale Beige	1002 Sand Yellow						5019 Capri Blue	5020 Ocean Blue	5021 Water Blue	5022 Night Blue	5023 Fern Blue	5024 Pastel Blue	6000 Patine Green	6001 Middle Emerald Green
1003 Signal Yellow	1004 Dark Golden Yellow	1005 Honey Yellow	1006 Matze Yellow	1007 Chrome Yellow	1011 Brown Beige	1012 Lemon Yellow	1013 Pearl White	6002 Leaf Green	6003 Middle Olive Green	6004 Blue Green	6005 Light Moss Green	6006 Grey Olive	6007 Bottle Green	6008 Brown Green	6009 Fir Green
1014 Dark Ivory	1015 Light Ivory	1016 Sulphur Yellow	1017 Saffron Yellow	1018 Zinc Yellow	1019 Grey Beige	1020 Olive Yellow	1021 Cadmium Yellow	6010 Middle Grass Green	6011 Rosada Green	6012 Black Green	6013 Reed Green	6014 Yellow Olive	6015 Black Olive	6016 Turquoise Green	6017 Pastel Green
1023 Traffic Yellow	1024 Ochre Yellow	1027 Curry Yellow	1028 Mellon Yellow	1032 Broom Yellow	1033 Dahlia Yellow	1034 Pastel Yellow	2000 Yellow Orange	6018 Yellow Green	6019 Pastel Green	6020 Chrome Green	6021 Pale Green	6022 Brown Olive	6024 Traffic Green	6025 Bracket Green	6026 Opal Green
2001 Red Orange	2002 Vermillion	2003 Pastel Orange	2004 Pure Orange	2008 Light Red Orange	2009 Traffic Orange	2010 Signal Orange	2011 Deep Orange	6027 Turkish Green	6028 Pine Tree Green	6029 Mint Green	6032 Signal Green	6033 Turquoise Blue	6034 Pale Turquoise	7000 Dark Squirrel Grey	7001 Silver Grey
2012 Salmon Orange	3000 Flame Red	3001 RAL Signal Red	3002 Carmine Red	3003 Ruby Red	3004 Purple Red	3005 Wine Red	3007 Black Red	7002 Olive Grey	7003 Moss Grey	7004 Signal Grey	7005 Mouse Grey	7006 Beige Grey	7008 Khaki Grey	7009 Green Grey	7010 Tarpsulin Grey
3009 Oxide Red	3011 Brown Red	3012 Beige Red	3013 Tomato Red	3014 Antique Pink	3015 Light Pink	3016 Coral Red	3017 Rose	7011 Iron Grey	7012 Essalt Grey	7013 Brown Grey	7015 Slate Grey	7016 Anthracite Grey	7021 Black Grey	7022 Umber Grey	7023 Concrete Grey
3018 Strawberry Red	3020 Traffic Red	3022 Dark Salmon Red	3027 Raspberry Red	3031 Orient Red	4001 Red Lilac	4002 Red Violet	4003 Heather Violet	7024 Graphite Grey	7026 Granite Grey	7030 Stone Grey	7031 Blue Grey	7032 Grey	7032 Cement Grey	7034 Yellow Grey	7035 Pale Grey
4004 Claret Violet	4005 Blue Lilac	4006 Purple Purple	4007 Purple Violet	4008 Signal Violet	4009 Pastel Violet	4010 Telemagenta	5000 Traffic Blue	7036 Platinum Grey	7037 Dusty Grey	7038 Agate Grey	7069 Quartz Grey	7040 Window Grey	7042 Traffic Grey A	7043 Traffic Grey B	7044 Silky Grey
5001 Green Blue	5002 Ultramarine Blue	5003 Dark Sapphire Blue	5004 Black Blue	5005 Signal Blue	5007 Brilliant Blue	5008 Grey Blue	5009 Light Azure Blue	7045 Telegraph 1	7046 Telegraph 2	7047 Telegraph 4	8000 Green Brown	8001 Gold Brown	8002 Signal Brown	8003 G/Oak Clay Brown	8004 Copper Brown
5010 Gentian Blue	5011 Steel Blue	5012 Light Blue	5013 Dark Cobalt Blue	5014 Pigeon Blue	5015 Middle Sky Blue	5017 Traffic Blue	5018 Turkish Blue	8007 Fawn Brown	8008 Olive Brown	8011 Nut Brown	8012 Red Brown	8014 Sepia Brown	8015 Chestnut Brown	8016 Mahogany Brown	8017 Rosewood Chocolate Brown

# SoundDoor Steel

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## Care and Maintenance

Door furniture will require regular maintenance. Further details are available upon request.

## Operating Temperature

Suitable for normal building temperatures

## Fire Performance

SoundDoors have been independently tested to give up to 1 hour fire rating.

## Warranty and Options

Each door comes with a 5-year construction warranty and can be combined with many other properties such as ballistic resistance, burglar resistance or fire rating to match your exact requirements. A full range of door furniture is also available.

## Key Benefits

- Suited to both internal and external use
- Available with vision panels
- Provision of privacy between spaces
- Up to 1-hour fire rating (E160)
- From Rw35dB to Rw56dB
- Water resistance (Class 8a - EN12208)
- Air permeability (Class 4 - EN12207 & Class A1/A2 NEN-EN12152)

### Acoustic Performance Data

Product	Sound Reduction Index Rw (dB)				
	125Hz	250Hz	500Hz	1000Hz	2000Hz
SoundDoor 41	22	36	44	41	42
SoundDoor 47	25	38	44	48	51
SoundDoor 53	34	42	51	55	56
SoundDoor 56	43	47	50	56	55

### Dimensions and Weight

Single Leaf Modules	
Structural Opening	Up to 1500 x 3070mm
Overall Frame Size	Up to 1435 x 3010mm
Clear Opening Size	Up to 1391 x 3000mm
Frame Depth	100mm
Door Leaf Thickness	75mm
Maximum Weight	62kg m2

Double Leaf Modules	
Structural Opening	Up to 2970 x 3070mm
Overall Frame Size	Up to 2905 x 3010mm
Clear Opening Size	Up to 2861 x 3000mm
Frame Depth	100mm
Door Leaf Thickness	75mm
Maximum Weight	62kg m2

*Bespoke sizes available to design and to suit client requirements. Further information available on request. Please allow for an approximate 4dB drop in Rw values for a double leaf door set*

# SoundDoor Steel

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Notes:


Drawing:

