



ISTIQ

NOISE CONTROL SDN BHD

Noise Control Products & Solutions



ACOUSTIC SPECIALIST
• Measure • Analyse • Control •

www.istiq.net

An ISO 9001:2008 Certified Company

Quality Certificate

SIRIM QAS INTERNATIONAL

CERTIFICATE

SIRIM QAS International hereby certifies that

ISTIQ NOISE CONTROL SDN. BHD.
(INCLUDING ISTIQ FABRICATION SDN. BHD.)
NO. 28-2, JALAN SRI PERMAISURI 9
BANDAR SRI PERMAISURI, CHERAS
56000 KUALA LUMPUR
WILAYAH PERSEKUTUAN
MALAYSIA

has implemented a Quality Management System complying with

ISO 9001 : 2008
QUALITY MANAGEMENT SYSTEMS - Requirements

Scope of Certification

DESIGN OF NOISE CONTROL SYSTEM FOR INDUSTRIAL AND BUILDING APPLICATION.

Issue date : 22 September 2014
Validity period : 30 September 2014 - 29 September 2017
Certification No. : AR 3789

Khalidah Mustafa
Khalidah Mustafa
Managing Director
SIRIM QAS International Sdn. Bhd.

SIRIM QAS International Sdn. Bhd.
Kawasan No. 40104-01
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40100 Shah Alam
Selangor Darul Ehsan
MALAYSIA
Tel: 60-3-5544 6404
Fax: 60-3-5544 6767
http://www.sirim-qas.com.my
http://www.malaysiancertification.org

ISO 9001 Certificate (INC-design)

SIRIM QAS INTERNATIONAL

CERTIFICATE

SIRIM QAS International hereby certifies that

ISTIQ NOISE CONTROL SDN. BHD.
(INCLUDING ISTIQ FABRICATION SDN. BHD.)
SITE 2
NO. 1, JALAN UTARID US/17
SEKSYEN US
MAH SING INTEGRATED INDUSTRIAL PARK
40150 SHAH ALAM
SELANGOR DARUL EHSAN
MALAYSIA

has implemented a Quality Management System complying with

ISO 9001 : 2008
QUALITY MANAGEMENT SYSTEMS - Requirements

Scope of Certification

MANUFACTURE AND INSTALLATION OF NOISE CONTROL SYSTEM FOR INDUSTRIAL AND BUILDING APPLICATION.

Issue date : 22 September 2014
Validity period : 30 September 2014 - 29 September 2017
Certification No. : AR 3789

Khalidah Mustafa
Khalidah Mustafa
Managing Director
SIRIM QAS International Sdn. Bhd.

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http://www.malaysiancertification.org

ISO 9001 Certificate (IF-Manufacture & Installation)

SIRIM QAS INTERNATIONAL

SIJIL BARANGAN TERSENARAI
Product Listing Certificate

No Lesen : L1024101
Licence No :

LISTED PRODUCT
SIRIM

SIRIM QAS International Sdn. Bhd. dengan ini menganugerahkan kepada
SIRIM QAS International Sdn. Bhd. hereby grants to

ISTIQ NOISE CONTROL SDN. BHD.
NO. 28-2, JALAN SRI PERMAISURI 9
BANDAR SRI PERMAISURI, CHERAS
56000, KUALA LUMPUR
WILAYAH PERSEKUTUAN, MALAYSIA

Sijil untuk menggunakan Tanda Barangan Tersenarai
a certificate to use the Listed Product Mark on
ACOUSTIC DOOR

Please refer to detail in the SCHEDULE

sebagai mematuhi keperluan
as complying with
ISO 717-1 : 1995
ISO 140-3 : 1995

Khalidah Mustafa
Khalidah Mustafa
Pengarah Urusan
Managing Director
SIRIM QAS International Sdn. Bhd.

SIRIM QAS International Sdn. Bhd.
(No. Lesen 41024-01)
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http://www.sirim-qas.com.my
http://www.malaysiancertification.org

Tarikh Mula Penilaian : 15 April 2015
Certified Since : 15 April 2015
Sah Sehingga : 15 April 2015
Valid Until : 15 April 2015

Tarikh Dikeluarkan : 23 May 2014
Issue Date : 23 May 2014
No Siri : 011532
Serial No : 011532

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Penilaian Barangan SIRIM QAS International Sdn. Bhd.
This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM QAS International Sdn. Bhd.

SIRIM QAS INTERNATIONAL

SCHEDULE

ISTIQ NOISE CONTROL SDN. BHD.

LISTED PRODUCT
SIRIM

Brand : ISTIQ NOISE CONTROL SYSTEMS
Model : ID 60 - SINGLE LEAF (1200W X 2100H)
Rating : RW = 42DB
Model : ID 60 - DOUBLE LEAF (1800W X 2100H)
Rating : RW = 35DB

Factory Name and Location :
ISTIQ NOISE CONTROL SDN. BHD.
NO. 1, JALAN UTARID US/17
SEKSYEN US
MAH SING INTEGRATED INDUSTRIAL PARK
40150, SHAH ALAM
SELANGOR, MALAYSIA

End of page

SIRIM QAS International Sdn. Bhd.
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Product Listing Certificate - Acoustic Door

Acoustic Door

Product Data

In a situation where there can be leaks around a door, through which sound can pass, there will be reduced sound attenuation. Therefore, not only does the fabrication period of **ISTIQ ACOUSTIC DOOR** is carried out in great care, but also the installation process is meticulously done to ensure high performance and quality. The importance of good sealing method can never be underestimated. A door with a reduction factor of 40dB with a leakage factor of only 1% will have a true reduction of 20dB.

Applications

ISTIQ ACOUSTIC DOOR are excellent for sound attenuation and fire resistant performance within certain environments that need a control of sound transmission through doorways.

Typical applications are as the following:

- control rooms
- music rehearsal areas
- office buildings
- genset room
- recording studios.
- hotels and hospitals.
- plant rooms.

Construction

ISTIQ ACOUSTIC DOOR come in two different types; steel and timber. They are designed to have a combination of superb acoustic performance with attractive finishes and easy installation.

The doors consist of door leaves that contain an acoustic infill, selected to provide high damping and minimum acoustic coupling to ensure high transmission loss.

The outer and inner skins are of two different thicknesses to control the resonance effect. The doors come in complete sets that include frames, latch, locking system, hinges and door closer where applicable.

For steel doors, high gauge steel is used in constructing the door frame to rigidly support the door leaves.

Due to the heavy weight of the door leaves, a special designed adjustable ball bearing hinges are used to ease the opening and closing of the door.

For timber doors, high quality veneer finishes are used to ensure best performance and aesthetically satisfying.

Dimensions

The standard sizes of **ISTIQ** Doors which can be delivered almost immediately are as follows:

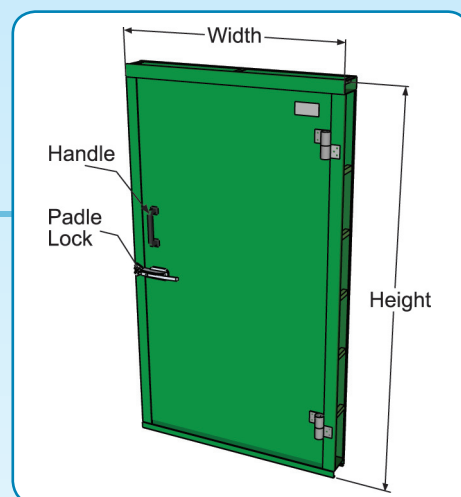
SINGLE LEAF

Thickness of 60, 100 & 150 mm	900 mmW x 2100 mmH
	1200 mmW x 2100 mmH
	1500 mmW x 2100 mmH

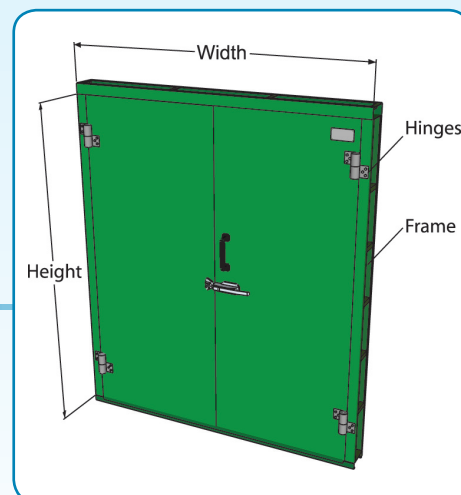
DOUBLE LEAF

Thickness of 60, 100 & 150 mm	1800 mmW x 2100 mmH
	2100 mmW x 2100 mmH
	2400 mmW x 2400 mmH

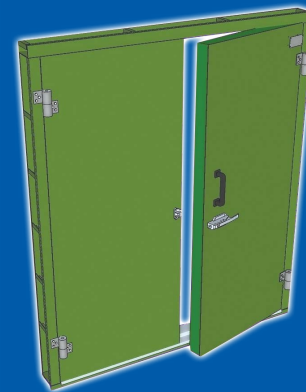
Other dimensions are also available on request with higher acoustic performance (STC) rating.



Single Leaf



Double Leaf

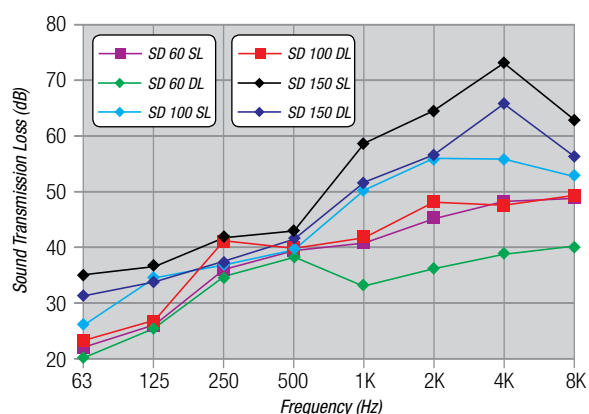


Acoustic Performance

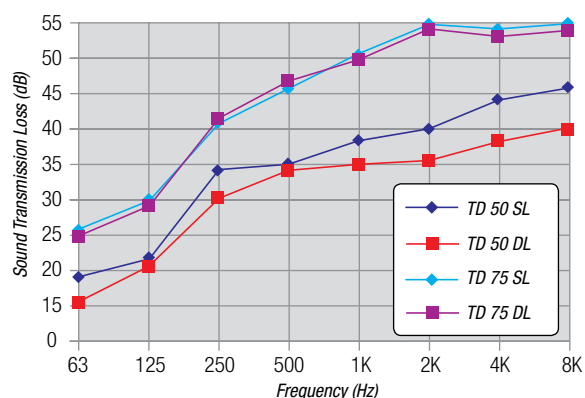
Data of Transmission Loss (dB) and STC Rating

ISTIQ Steel Door Performance

Model	Type	Thickness (mm)	Octave Band Center Frequency (Hz)								STC Rating
			63	125	250	500	1k	2k	4k	8k	
SD 60 SL	Single Leaf	60	23	26	36	39	41	44	47	48	42dB
SD 60 DL	Double Leaf	60	20	25	34	37	32	35	39	40	35dB
SD 100 SL	Single Leaf	100	26	34	36	40	50	55	55	53	45dB
SD 100 DL	Double Leaf	100	22	25	41	40	42	48	48	49	42dB
SD 150 SL	Single Leaf	150	34	36	41	43	59	64	73	62	50dB
SD 150 DL	Double Leaf	150	31	33	38	41	51	57	66	56	48dB



ISTIQ Steel Door Performance

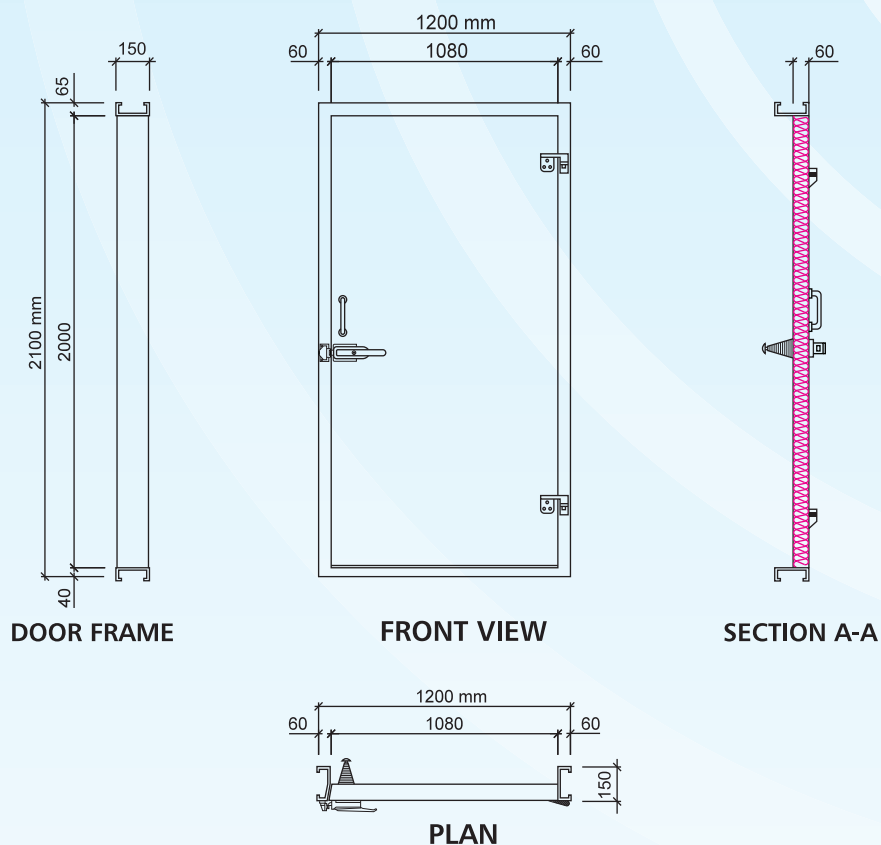


ISTIQ Timber Door Performance

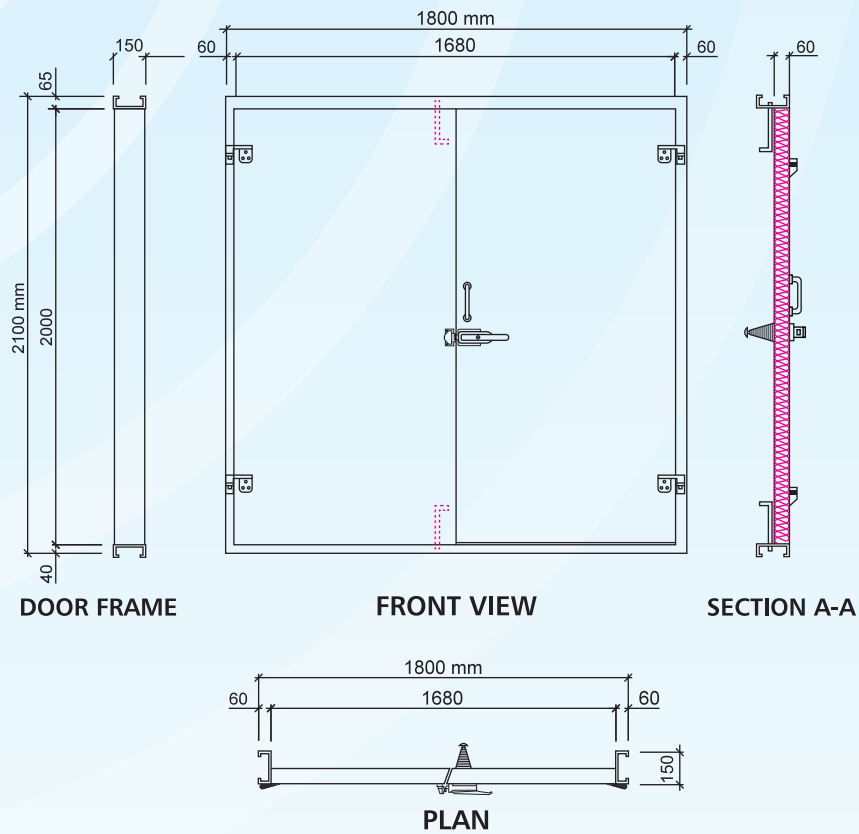
ISTIQ Timber Door Performance

Model	Type	Thickness (mm)	Octave Band Center Frequency (Hz)								STC Rating
			63	125	250	500	1k	2k	4k	8k	
TD 50 SL	Single Leaf	50	19	22	34	35	38	40	44	46	40dB
TD 50 DL	Double Leaf	50	16	21	31	34	35	36	38	40	34dB
TD 75 SL	Single Leaf	75	26	30	41	46	51	55	54	55	50dB
TD 75 DL	Double Leaf	75	25	29	42	47	50	54	53	54	49dB

Detail of ISTIQ Acoustic Door (Single Leaf) Dimension : 1200W x 2100H x 60THK



Detail of ISTIQ Acoustic Door (Double Leaf)
Dimension : 1800W x 2100H x 60THK



SIRIM Certified Product 

ACOUSTIC SPECIALIST
• Measure • Analyse • Control •

Building Products & Services

- Acoustic Timber Door
- Fire Rated Acoustic Steel Door
- Audiometric Room
- Home Theatre
- Studio
- Auditorium
- Wall Insulation
- Noise Measurement (DOE, DOSH)
- Noise Control Consultancy
- Measurement of Reverberation Time (RT)

Industrial Products

- Exhaust Silencer
- Acoustic Canopy
- Acoustic Enclosure
- Duct Silencer
- Acoustic Louvers
- Acoustic Barrier
- Spark Arrester
- Vent Silencer
- Circular Silencer



ISTIQ NOISE CONTROL SDN BHD

(Company No: 342283-V)

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Tel: 03-9172 7205 / 9172 7206 Fax: 03-9172 7204
Email: nonoise@istiq.net **website:** www.istiq.net

Factory:

ISTIQ FABRICATION SDN BHD

(Company No: 318050-V)

No. 10 & 12, Jalan U5/24, Seksyen U5,
Mah Sing Integrated Industrial Park,
40150 Shah Alam, Selangor.
Tel: 03-7846 5288 Fax: 03-7846 5188



Certified to ISO 9001:2008
Cert. No.: MY-AR 3789



Certified by MPC