



SOUNDPROOFING - ACOUSTICS - SOUND ENGINEERING

GRAPHIC DESIGN - WEB DESIGN - PRINT - SEO

CONSTRUCTION - RENOVATION - INTERIOR DESIGN



NoiseStop Systems Singapore™
THE ULTIMATE NOISE REDUCTION, FOR A BETTER QUALITY OF LIFE

NoiseBlock™
Global Leaders in Sound Proofing, Noise Control & Acoustics

SINGAPORE SOUNDPROOFING

GLOBAL PROPERTY SERVICES



SoundProof GT™
Noise & Acoustic Performance Products

D: NYTC PTE.LTD International group: NoiseStop Systems Singapore / NTC Studios | @T0722650E/ T0910041Z / C Reg 201004714G
A: Lower Delta Cash & Carry builders merchants store: 1092 Lower Delta Rd, Mapletree ind est, Unit No. 01-14, Post Code 169203 Singapore
T: 62767453 **HP:** 84447217 **E:** (head office) info@ny-tc.com (or) info@noisestopsystems.sg ©Copyright NN 2007 All rights reserved

2010 EDITION

NoiseBlock™

Soundproofing & Acoustic Building Materials
Designed by Acoustic Engineer Nedtaro Nelson

INFO: NoiseBlock™ is a specialist Soundproofing & Acoustic range of building materials for use in everyday construction & specialist projects. Using normal building products in everyday construction is no longer enough for the end user. People now want silent, peaceful, Noise Free environments. NoiseBlock is the ONLY True Solution!

NoiseBlock™ IsoMat-BBDS Foam™

VERSION 1.0



PRODUCT: NoiseBlock™ Isolation Mating Bitumen Based Damping Sheet Foam

DESCRIPTION:

NoiseBlock™ IsoMat-BBDS Foam™ Is a high density open cell flat profile foam with vibration absorption base and low frequency barrier finished with a polymer based self adhesive backing. This compound offers improved Noise Control over a wide range of frequencies

COMPOSITION:

Bitumen Based damping layer with high density unnamed multi compound polymer foam.

APPLICATIONS:

Excellent use with industrial noise problems for machinery and to reduce and remove reverberation noise with metal structure. Perfect for Low and high frequency control. Also excellent for use with studios, theatres and cinemas.

CHARACTERISTICS:

- High Denisty
- Active Memory
- Flexible

THICKNESS:

50 mm

SIZE:

1000 mm x 500 mm

ACOUSTIC PERFORMANCE:

NRC:

60

CAC:

50

ACOUSTIC PERFORMANCE: ~30 dB

DESCRIPTION:	UNIT:	TECHNICAL DATA:	TEST STANDARD:
工作温度 / Operating Temperature	℃	-10℃~+200℃	GB8871
燃烧性能 / Combustion	—	B2 CLASS1	GB8624-2006 BS476 Part 7 1997
导热系数 / Thermal conductivity 平均温度 / Average temperature	W/ (m.k)	≤0.034 ≤0.038	GB10294-88

NYTC reserves the right to revise product specifications without notice. The information in this document was correct to the best of our knowledge at the time of publication. It is the user's responsibility to ensure that it remains current prior to use. The information in this document is for guidance only and does not form part of a guarantee.

E & EO NYTC PTE LTD

e: info@ny-tc.com t: 0065 62767453 / Acoustic Hotline: 0065 84447217

湿阻因子 / Wet resistance factor	μ	≥ 11000	DIN52615
透湿系数 / Permeability coefficient	g/(m.s.Pa)	$\leq 1.8 \times 10^{-11}$	GB/T17146-1997
真空吸水率 / Vacuum water absorption	%	≤ 7	GB/T17794-1999
尺寸稳定性 / Dimensional Stability 105 \pm 3 $^{\circ}$ C,7d	%	≤ 10.0	GB 8811-1988
耐臭氧性 / Ozone resistance 臭氧分压 2002mpa 200h	—	不龟裂 / No cracks	GB/T7762-1987 GB/T9571-1988
撕裂强度 / Tear strength	N/cm	≥ 2.7	GB/T10808-1989
降噪性能 / Noise Reduction Performance	dB	~ 25.5	DIN4109
防霉性能 / Mold Performance	—	无霉菌生长 / No mold growth	
耐油污能力 / Oil-resistant ability	—	良好 / Good	
燃烧产烟毒性 / Toxic smoke from burning		准安全 ZA3 级合格 / Security ZA3 qualified prospective class	GA132-1996

Acoustic Performance Material	Geiger Plate Decay Rate @ 20C dB/sec	
DS 5	15	NoiseBlock Series improves acoustic performance by increasing decay rate. Decay rate is the speed in dB/second at which the vibration reduces after panel excitation has ceased. The higher the decay rate, the better the acoustic performance.
DS 3A	15	
DS 5	35	
DS 5A	35	
DS 10A	98	

An example of Improvement in Decay Rate on 0.8mm Steel	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Untreated	8	14	20	26	32	39
Treated with DS 10A	27	32	32	33	41	43
Treated with DS 15A	29	34	34	35	43	45

NYTC reserves the right to revise product specifications without notice. The information in this document was correct to the best of our knowledge at the time of publication. It is the user's responsibility to ensure that it remains current prior to use. The information in this document is for guidance only and does not form part of a guarantee.

E & EO NYTC PTE LTD

e: info@ny-tc.com t: 0065 62767453 / Acoustic Hotline: 0065 84447217