

SOUND BAR – FLEXIBLE SOUND BARRIER



PRODUCT DESCRIPTION / INTRODUCTION

SOUND BAR is a PVC Aluminium faced flexible Sound Barrier that reduces noise through its' PVC construction filled with Barium Sulphate.

The combination creates a heavy mass, maximising noise reduction.

STANDARD ROLL SIZE

PRODUCT WEIGHT	THICKNESS	ROLL SIZE
5kg/m ³	2.5mm	5m x 1m
6kg/m ³	2.5mm	5m x 1m
8kg/m ³	5mm	5m x 600mm
10kg/m ³	4mm	Available upon request

PRODUCT APPLICATION

Sound Barrier is designed as a flexible, self supporting noise barrier for increasing transmission loss of existing walls, partitions, ceiling plenums, doors, wrapping fan casings, pipe work, ducting, ceiling spaces and machinery enclosures.

PRODUCT PROPERTIES

FLAMMABILITY	TEST STANDARD	RESULT
	UL 94 HB	Pass
	UL 94 HBF	Pass

AS 1530 Part 3			
IGNITABILITY	SPREAD OF FLAME	HEAT EVOLVED	SMOKE DEVELOP
0	0	0	1

TENSILE STRENGTH	min 10kgF/5cm
ELONGATION	min 80%
CORROSION OF COPPER	Appearance no change
HEAT RESISTANCE AT 100°C	Appearance no change
COLD RESISTANCE AT -5°C	Appearance no change
ROSH	Pass

SOUND TRANSMISSION LOSS

FREQUENCY Hz	TRANSMISSION LOSS		
	5kg/m ³	6kg/m ³	8kg/m ³
125	12	13	17
250	16	16	17
500	20	21	23
1000	26	28	30
2000	31	33	36
4000	33	39	41
STC	25	26	27

PRODUCT INSTALLATION

Sound Bar requires only a few basic tools to install depending on application. Due to the self supportive nature of the Sound Bar it can be nailed, stapled, hung or suspended using a timber or steel batten system. Plasticiser resistant adhesive must be used when bonding the product to a substrate.