

Acoustic Performance System 500 Acoustic Baffles



Sound Absorption

Tested in accordance with; BS EN ISO 354:2003 / 11654:1997 / ASTM C423-01

Perforation	Baffle Dim. Depth x Width	Baffle Centres	Void Depth	Acoustic Inlay	α_w	NRC	125	250	500	1000	2000	4000	Class	
1522 / 1820	400 x 50mm	1000mm	0	50mm x 80kg/m ³	0.65	0.6	0.25	0.40	0.60	0.70	0.70	0.75	C	
		600mm	0		0.75	0.75	0.35	0.50	0.70	0.90	0.90	0.90	C	
		300mm	0		0.85	0.90	0.40	0.55	0.85	1.00	1.00	1.00	B	
		1000mm	200	50mm x 80kg/m ³	0.60	0.65	0.30	0.30	0.60	0.80	0.80	0.90	C	
		600mm	200		0.70	0.80	0.35	0.40	0.75	0.95	1.00	1.00	C	
		300mm	200		0.80	0.90	0.30	0.50	0.90	1.00	1.00	1.00	B	
	1000mm	0	50mm x 45kg/m ³	0.65	0.65	0.25	0.45	0.60	0.70	0.75	0.85	C		
	600mm	0		0.75	0.80	0.30	0.50	0.70	0.90	0.90	0.95	C		
	300mm	0		0.85	0.90	0.40	0.55	0.85	1.00	1.00	1.00	B		
	1522 / 1820	Ø 150mm	1000mm	0	50mm x 45kg/m ³	0.60	0.60	0.30	0.30	0.60	0.75	0.75	0.80	C
			600mm	0		0.70	0.75	0.35	0.40	0.75	0.95	0.95	0.95	C
			300mm	0		0.80	0.95	0.35	0.50	0.95	1.00	1.00	1.00	B
1000mm			450	Ø150mm x 45kg/m ³	0.60	0.55	0.10	0.35	0.65	0.65	0.55	0.65	C	
600mm			450		0.80	0.75	0.20	0.50	0.85	0.80	0.80	0.85	B	
300mm			450		1.00	1.00	0.30	0.80	1.00	1.00	1.00	1.00	A	
1000mm		450	Ø150mm x 45kg/m ³	0.60	0.55	0.20	0.25	0.50	0.65	0.70	0.75	C		
600mm		450		0.65	0.70	0.25	0.35	0.65	0.85	0.90	0.90	C		
300mm		450		0.80	0.95	0.35	0.50	1.00	1.00	1.00	1.00	B		

Notes

- All SAS products are tested independently by a UKAS accredited laboratory.
- Acoustic data is available for other baffle configurations, please contact our technical team for more information.

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