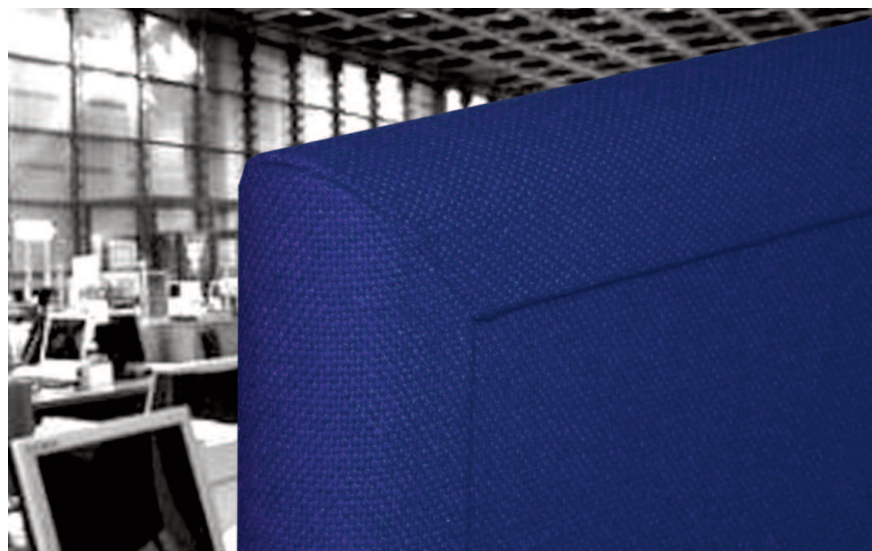


Data sheet - Product specifications



Name: APS Range
Properties: Acoustic Class "A" - NRC 2.8
Style: Floor and Desk screen dividers
Top styles: Flat.
Types: Flat panels non-linking
Designed for: Combat noise pollution

Acoustic quality: BS EN ISO 354:2003 tested to Class A NRC 2.80.
Acoustic test by: Sound Research Labourites Ltd.
Bespoke sizes: Special sizes and shapes made to order.
Clamp brackets: DT clamp range, DT2 as standard, 8 other types are available.
Core frame: P2 particle board.
Core infill: Rockwool high density mineral wool.
Core panels: Multi directional fibre board, 100% recyclable material & environmentally sustainable.

ECO content: An average of 92% of the screens content is recyclable.
Edges: Fabric covered UPVc round edges.
Fabrics: Stock fabric Elfin, all Camira fabrics available to order.
Fabric flammability: BS 476, Part 7, Class 1 or BS5852 Class 0, 1, or BS 7176:2007 depending on the fabric, environment and substrate.

Feet: Stabilising feet supplied as standard, other styles available.
Foam: Combustion Modified to comply with Schedule 1 Part 1 of the Furniture & Furnishings (Fire Safety) Regulations S.I. 1324 1989.

Height allowance: Desk top screens are 8mm less than stated to allow for the thickness of the clamps.

Height: The screen height is measured from the corner brackets.
Heights desk divider: 40cm, 50cm & 70cm.
Heights floor divider: 120cm, 150cm, 180cm & 210cm.
Height allowance: The height tolerance is plus or minus 0.5%.
Packing for ECO vans: Packed with cardboard corners and heavy polythene wrap.
Packing for carriers: Packed as required, extra costs may apply.
Thickness: Overall thickness 55mm.
Transportation: Deliveries are by ECO's vehicles to the customer's requested postcode subject to being within ECO's delivery area map.

Width allowance: The width tolerance is plus or minus 0.5%.
Widths desk divider: 80cm, 100cm, 120cm, 140cm, 150cm, 160cm & 180cm.
Widths floor divider: 80cm, 100cm, 120cm, 140cm, 150cm & 160cm.

APS acoustic panel range

Class "A" acoustic to NRC 2.80

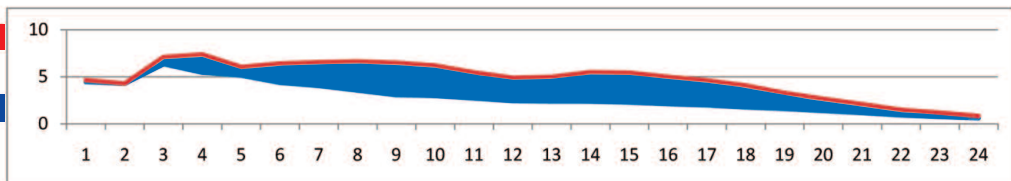
The practical absorption coefficients test BS EN ISO 354:2003

The RED line is the test base line.

Base line

The BLUE area shows the amount of sound absorption of the Jubilee screen.

APS



Reverberation Times in Seconds	APS Test	4.43	4.27	6.35	5.45	5.11	4.35	4.02	3.54	3.05	2.95	2.69	2.41	2.35	2.35	2.26	2.1	1.95	1.75	1.56	1.36	1.15	0.88	0.74	0.58	
	Empty Room	4.65	4.30	7.10	7.37	6.05	6.42	6.57	6.63	6.51	6.22	5.46	4.91	5.02	5.50	5.44	5.01	4.62	4.09	3.28	2.65	2.10	1.48	1.19	0.84	
Human speech general range	The main frequency range of human speech is between 150Hz to 8,000Hz																									
Frequency Hz	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500	3150	4000	5000	6300	8000	10000		
Practical Absorption Coefficients	N/A	0.60			1.00			1.00			1.00			1.00			1.00			N/A						
Weighted sound absorption coefficient to ISO 11654. =1.00											Class "A"		N R C = 2.80		Test date 25/11/2021											

APS Acoustic Partition Screens are ECO's best sound absorbing room dividing product, APS have been solely designed with the purpose of combating office noise pollution.

The APS's internal structure is made from fibre board sourced from farmed and sustainable plantations, plus high density mineral wool with non-directional fibre orientation, this means, sound waves are trapped and vibrations dampened every time sound passes through an APS screen.

The high density mineral wool used in APS screens has been Quiet Mark (TM) approved.