



GRESHAM



ACOUSTICS

PRICE GUIDE



GRESHAM

ACOUSTICS

The workplace and the way we work are constantly evolving. We are continually required to create new spaces within existing environments with an increasing demand on **sound absorbency**. To meet this demand, Gresham Acoustics are available as a **sound absorbing wall or ceiling mounted tile**.

On average we spend half of our waking hours at work, or completing work related tasks. Britons have some of the longest working hours in Europe, with one in five of us spending more than 45 hours a week in the office. Noise is probably the most prevalent annoyance source in offices, and leads to increased stress for occupants. [1][2]

As an example, if it takes an average of 15 minutes to regain concentration levels when disrupted whilst completing an important task, with 5 disruptions over an 8 hour day, this would equate to a 15% reduction in productivity. In a business of 60 staff, this would be the same as paying 9 people to do nothing all day. Therefore poor **sound absorbency** in your office can affect the productivity or your business.

The hand crafted nature or the manufacturing of Acoustics allows any shape or size to be created, leaving no limitation to the product, only your imagination. This **flexibility** is embedded within the product in all forms including size, thickness, shape, fabrics and uses, all of which can be tailored to your exact requirements.

[1] G. W. Evans and D. Johnson, 'Stress and Open - Office Noise', in The Journal of Applied Psychology, vol. 85, no. 5, (2000), pp. 779-783.
[2] E. Sundstrom, J. P. Town, R. W. Rice, D. P. Osborn and M. Brill. 'Office Noise, Satisfaction and Performance', in Environment and Behaviour, vol. 26, no. 2, (1994), pp. 195-222.

SOUND ABSORBENCY

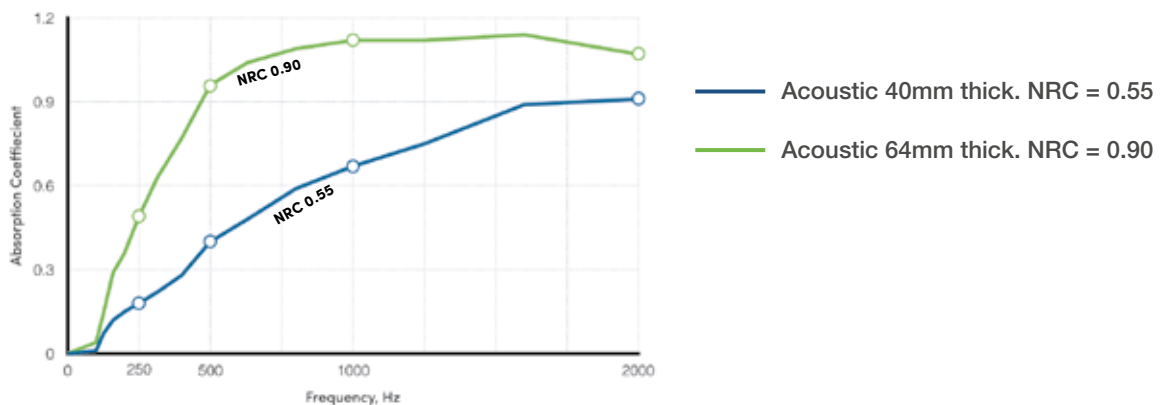
The Noise Reduction Coefficient (commonly abbreviated NRC) is a scalar representation of the amount of sound energy absorbed upon striking a particular surface. An NRC of 0 indicates perfect reflection; an NRC of 1 indicates perfect absorption.

Typically, as sound hits a solid surface, it will be reflected back. This means, in a room with an NRC rating of 0, that all sound produced will be reflected. This can be improved with the addition of sound absorbing tiles.

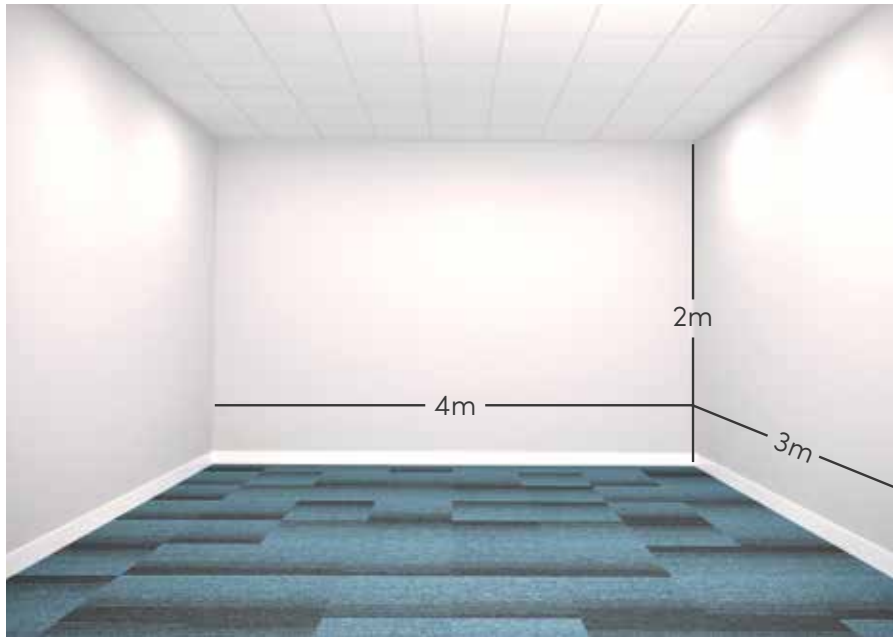
With the addition of sound absorbing tiles, the reverberation time can be decreased therefore resulting in the overall noise being reduced. This can help in improving staff concentration levels and decreasing interruptions.



Measurement of Sound Absorption in accordance with BSEN ISO 354:2003
(Test report number C/23213/T01)



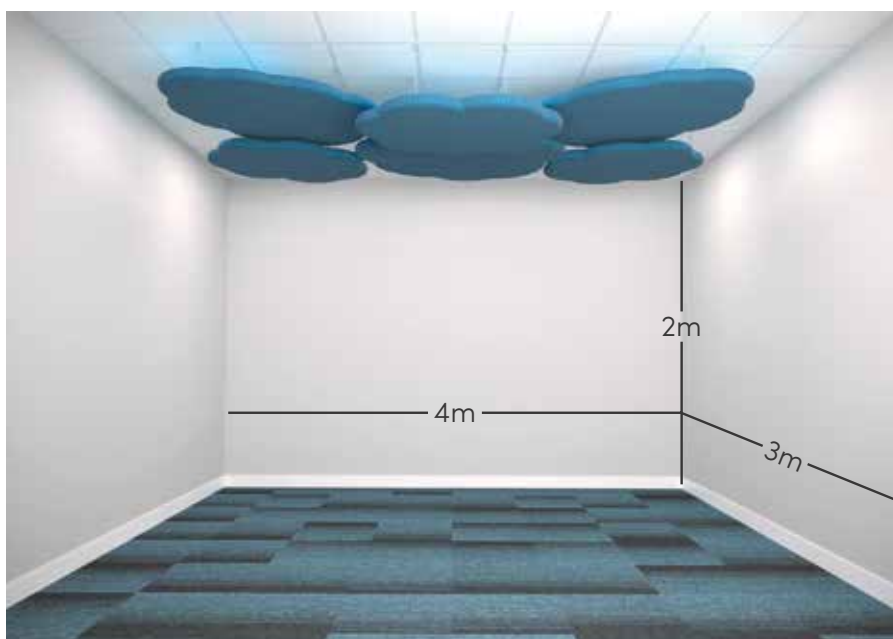
CASE STUDY



The room shown above, when empty, will have a reverberation time of 1.15 seconds, this means that it will take 1.15 seconds for the sound to decay by 60 decibels. This reverberating sound could disrupt staff.

By incorporating 5 square meters of 40mm thick sound absorbing tiles into this room, which have an NRC rating of 0.55, the reverberation time would be reduced to 0.76 seconds or a reduction of 34%.*

Similarly, by incorporating 5 square meters of 64mm thick sound absorbing tiles into this room, which have an NRC rating of 0.90, the reverberation time would be reduced to 0.67 seconds or a reduction of 42%.*



*Case study results were calculated by KP Acoustics.

CLOUD

Many office ceilings can be plain and lack colour and consideration. Cloud ceiling tiles can be hung from most ceilings or suspended ceiling grids and will absorb unwanted sound while also providing shape, colour and design. Tiles can be fitted at adjustable distances from ceilings providing flexibility and opportunities to overlap creating organic configurations.



THUMBNAILS



ED/CLO/822/1032/**





ED/CLO/922/1310/**

**40mm or 64mm thickness

PRICE GUIDE

Ceiling hung - available in 40mm or 64mm thick which can be hung horizontally on most ceilings. A variety of fixings are available to connect the tiles to the ceilings, with steel cable kits provided as standard.

Cloud	Thickness	Height	Width	Code	Camira: Cara	Camira: Era, Rivet	Camira: Blazer, Blazer Lite, L2, Synergy, Racer, Sonus
	40	822	1032	ED/CLO/822/1032/40	£385	£409	£472
	64			ED/CLO/822/1032/64	£406	£430	£492
	40	992	1310	ED/CLO/922/1310/40	£428	£490	£615
	64			ED/CLO/922/1310/64	£464	£526	£651

Additional Information
Hanging Wire supplied as standard.



⚠ If installing on suspended ceiling, verify load capacity prior to installation.

CIRCLE

Many office ceilings can be plain and lack colour and consideration. Circle and Doughnut ceiling tiles can be hung from most ceilings or suspended ceiling grids and will absorb unwanted sound while also providing shape and colour. Tiles can be fitted at adjustable distances from ceilings providing flexibility and opportunities to overlap creating organic configurations.



THUMBNAILS



ED/CIR/10/10/**





ED/DOU/10/750/**

**40mm or 64mm thickness

PRICE GUIDE

Ceiling hung - available in 40mm or 64mm thick which can be hung horizontally on most ceilings. A variety of fixings are available to connect the tiles to the ceilings, with steel cable kits provided as standard.

	Thickness	Diameter	Code	Camira: Cara	Camira: Era, Rivet	Camira: Blazer, Blazer Lite, L2, Synergy, Racer, Sonus
Circle 	40	500	ED/CIR/05/05/40	£265	£272	£332
	64		ED/CIR/05/05/64	£295	£303	£376
	40	750	ED/CIR/07/07/40	£326	£350	£408
	64		ED/CIR/07/07/64	£369	£397	£469
	40	1000	ED/CIR/10/10/40	£348	£389	£494
	64		ED/CIR/10/10/64	£377	£418	£523
Doughnut 	40	500 / 250	ED/DOU/05/250/40	£349	£356	£416
	64		ED/DOU/05/250/64	£379	£387	£460
	40	750 / 500	ED/DOU/750/05/40	£410	£434	£492
	64		ED/DOU/750/05/64	£454	£482	£554
	40	1000 / 750	ED/DOU/10/750/40	£433	£473	£579
	64		ED/DOU/10/750/64	£462	£502	£608

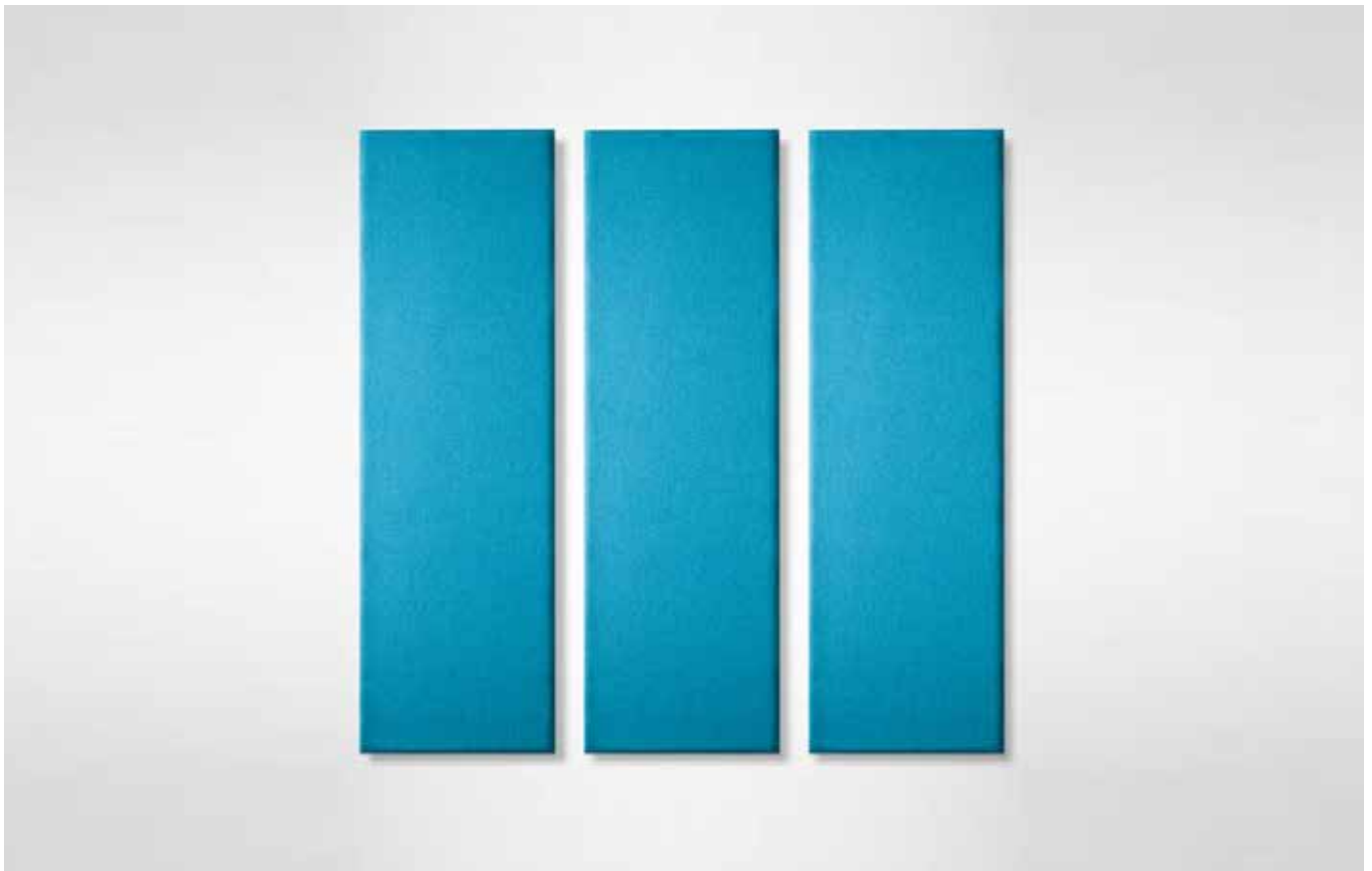
Additional Information
Hanging Wire supplied as standard.



⚠ If installing on suspended ceiling, verify load capacity prior to installation.

SQUARE / RECTANGLE

With limited floor space available in offices, empty walls or vertical surfaces can be used to absorb unwanted noise to help staff concentrate. By using Square & Rectangle wall tiles, colours, patterns, texture, shape and tessellation can be introduced to otherwise plain and commonly white spaces while providing the dual function of sound absorption. Supplied with simple Velcro fixings which are flexible consider covering not just walls, but cupboard backs, doors and pillars.



THUMBNAILS



ED/SQ/08/08/**



ED/REC/08/12/**

**40mm or 64mm thickness

PRICE GUIDE

Wall hung - available in 40mm or 64mm thick which can be hung vertically or at angles on most walls. A variety of fixings are available to connect the tiles to the walls, with Velcro provided as standard.

Square



Thickness	Height	Width	Code	Camira: Cara	Camira: Era, Rivet	Camira: Blazer, Blazer Lite, L2, Synergy, Racer, Sonus
40	600	600	ED/SQ/06/06/40	£150	£169	£217
64			ED/SQ/06/06/64	£167	£183	£240
40	800	800	ED/SQ/08/08/40	£206	£237	£317
64			ED/SQ/08/08/64	£227	£258	£338
40	1000	1000	ED/SQ/10/10/40	£246	£292	£413
64			ED/SQ/10/10/64	£279	£325	£446
40	1200	1200	ED/SQ/12/12/40	£272	£319	£439
64			ED/SQ/12/12/64	£320	£367	£487

Rectangle



Thickness	Height	Width	Code	Camira: Cara	Camira: Era, Rivet	Camira: Blazer, Blazer Lite, L2, Synergy, Racer, Sonus
40	400	1000	ED/REC/04/10/40	£135	£147	£178
64			ED/REC/04/10/64	£145	£157	£188
40	400	1200	ED/REC/04/12/40	£138	£150	£182
64			ED/REC/04/12/64	£151	£163	£194
40	400	1400	ED/REC/04/14/40	£142	£207	£300
64			ED/REC/04/14/64	£157	£221	£315
40	400	1600	ED/REC/04/16/40	£146	£237	£355
64			ED/REC/04/16/64	£162	£253	£371
40	800	1000	ED/REC/08/10/40	£168	£192	£254
64			ED/REC/08/10/64	£188	£212	£275
40	800	1200	ED/REC/08/12/40	£175	£199	£262
64			ED/REC/08/12/64	£200	£250	£344
40	800	1400	ED/REC/08/14/40	£259	£293	£384
64			ED/REC/08/14/64	£226	£288	£413
40	800	1600	ED/REC/08/16/40	£263	£287	£392
64			ED/REC/08/16/64	£252	£300	£425
40	1000	1200	ED/REC/10/12/40	£256	£279	£351
64			ED/REC/10/12/64	£232	£268	£361
40	1000	1400	ED/REC/10/14/40	£260	£284	£397
64			ED/REC/10/14/64	£246	£308	£433
40	1000	1600	ED/REC/10/16/40	£272	£295	£407
64			ED/REC/10/16/64	£275	£323	£448

Additional Information
Velcro Strips supplied as standard.







PYRAMID

With limited floor space available in offices, empty walls or vertical surfaces can be used to absorb unwanted noise to help staff concentrate.

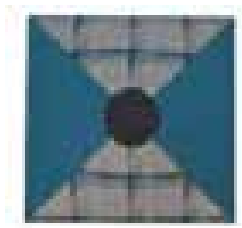
By using Pyramid 3D wall tiles, colours, patterns, texture, shape and tessellation can be introduced to otherwise plain and commonly white spaces while providing the dual function of sound absorption. Supplied with simple Velcro fixings. Can also be ceiling hung (please contact our Sales Department).



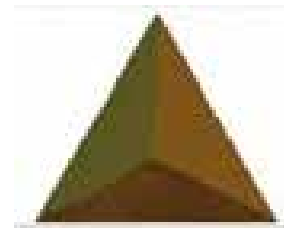
THUMBNAILS



PY/07/07






PYD/07/07



PYT/07/07

PRICE GUIDE

Wall hung. A variety of fixings are available to connect the tiles to the walls, with Velcro provided as standard.

Pyramid	Thickness	Height	Width	Code	Camira: Cara	Camira: Era, Rivet	Camira: Blazer, Blazer Lite, L2, Synergy, Racer, Sonus
	120	500	500	PY/05/05	£252	£265	£296
		700	700	PY/07/07	£264	£276	£307
	120	500	500	PYD/05/05	£252	£265	£296
		700	700	PYD/07/07	£264	£276	£307
	120	500	500	PYT/05/05	£252	£265	£296
		700	700	PYT/07/07	£264	£276	£307

Additional Information
Velcro Strips supplied as standard.

*prices shown are for single colour fabrics only



ARROW

With limited floor space available in offices, empty walls or vertical surfaces can be used to absorb unwanted noise to help staff concentrate. By using Arrow wall tiles, colours, patterns, texture, shape and tessellation can be introduced to otherwise plain and commonly white spaces while providing the dual function of sound absorption. Supplied with simple Velcro fixings which are flexible consider covering not just walls, but cupboard backs, doors and pillars.



THUMBNAILS




ED/AR/05/05/**

**40mm or 64mm thickness

PRICE GUIDE

Wall hung - available in 40mm or 64mm thick which can be hung vertically or at angles on most walls. A variety of fixings are available to connect the tiles to the walls, with Velcro provided as standard.

Arrow	Thickness	Height	Width	Code	Camira: Cara	Camira: Era, Rivet	Camira: Blazer, Blazer Lite, L2, Synergy, Racer, Sonus
	40	500	500	ED/AR/05/05/40	£156	£165	£235
	64			ED/AR/05/05/64	£181	£191	£257

Additional Information
Velcro Strips supplied as standard.



HEXAGON

With limited floor space available in offices, empty walls or vertical surfaces can be used to absorb unwanted noise to help staff concentrate.

By using Hexagon wall tiles, colours, patterns, texture, shape and tessellation can be introduced to otherwise plain and commonly white spaces while providing the dual function of sound absorption. Supplied with simple Velcro fixings which are flexible consider covering not just walls, but cupboard backs, doors and pillars.



THUMBNAILS



ED/HEX/433/05/**



ED/HEX/606/07/**



ED/HEX/779/09/**

**40mm or 64mm thickness

PRICE GUIDE

Wall hung - available in 40mm or 64mm thick which can be hung vertically or at angles on most walls. A variety of fixings are available to connect the tiles to the walls, with Velcro provided as standard.

Hexagon



Thickness	Height	Width	Code	Camira: Cara	Camira: Era, Rivet	Camira: Blazer, Blazer Lite, L2, Synergy, Racer, Sonus
40	433	500	ED/HEX/433/05/40	£135	£141	£201
			ED/HEX/433/05/64	£164	£173	£245
40	606	700	ED/HEX/606/07/40	£197	£219	£279
			ED/HEX/606/07/64	£240	£268	£340
40	779	900	ED/HEX/779/09/40	£211	£242	£322
			ED/HEX/779/09/64	£253	£299	£420

Additional Information
Velcro Strips supplied as standard.





GRESHAM

GRESHAM OFFICE FURNITURE

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