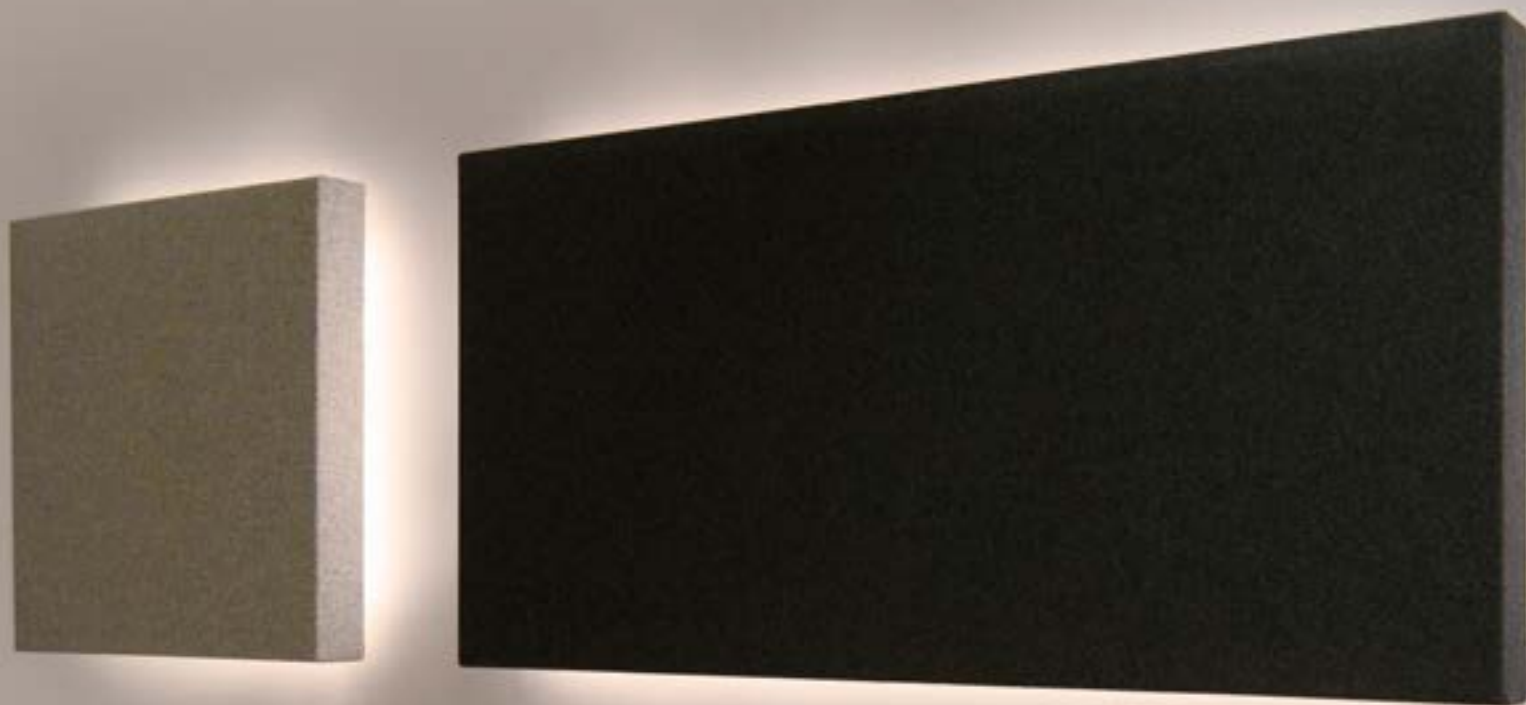




BuzziClipse US only **Product Specification Sheet**

This document contains technical information about the BuzziClipse Square, Rectangular & Square Double



www.buzzi.space

Acoustic play of light

BuzziClipse offers the best of both worlds; subtle back lighting experience and highly acoustical performance. The frontpanel of BuzziClipse, designed to tackle acoustical issues in a room, is based on a highly finished aluminium frame, housing the LED line with an output of 870 lumen. The LED frame is offered in 2 variants: square and rectangular. Playing with different LED frames combined with front panels, upholstered in different fabrics, results in a nice wall feature. A true acoustical “eclipse”.

Design by BuzziSpace Studio

General



Square, Rectangular, Square Double

LED frame: Anodized aluminum



Acoustic panel: Poplar multiplex frame

Acoustic foam filling

Upholstered in Fabric, Rough, Trevira CS+ | CS, Terra



LED light wall mounted

Excl. Class II power supply

Light output on 4 sides

Voltage: 24V



IP20 Dry usage

Acoustics



Absorption



Diffusion



Low tone



Mid tone



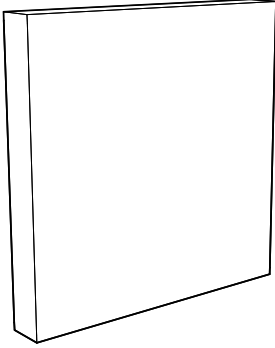
High tone

Content

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Configurations

BuzziClipse Square



◆ SQ-4, SQ-8, SQ-12, SQ-W

Anodized aluminum LED frame

🌲 Acoustic panel upholstered in Fabric, Rough, Trevira CS+ | CS, Terra

✂ SQ-4: W 23.43" H 23.43" D 2.76"

✂ SQ-8: W 23.43" H 23.43" D 4.33"

✂ SQ-12: W 23.43" H 23.43" D 5.91"

✂ SQ-Wedge: W 23.43" H 23.43" D 2.76" to 5.91"

⚖ SQ-4: 7.94 lbs

⚖ SQ-8: 10.36 lbs

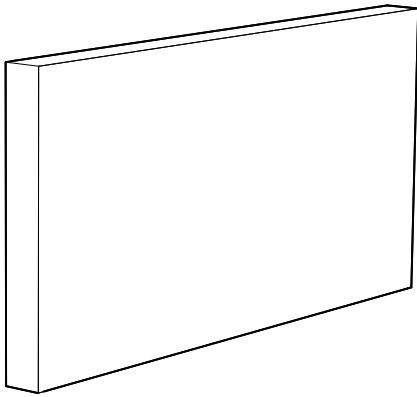
⚖ SQ-12: 12.79 lbs

⚖ SQ-Wedge: 10.80 lbs

💡 LED light wall mounted

LED 21 W | 3528 SMD | 2700 K | > 85 CRI | 580 lm

BuzziClipse Rectangular



◆ R-4, R-8, R-12, R-Woss, R-Wols

Anodized aluminum LED frame

🌲 Acoustic panel upholstered in Fabric, Rough, Trevira CS+ | CS, Terra

R-4: W 46.85" H 23.43" D 2.76"

R-8: W 46.85" H 23.43" D 4.33"

R12: W 46.85" H 23.43" D 5.91"

✂ R-Woss: W 46.85" H 23.43" D 2.76" to 5.91"
(Wedge on short side)

R-Wols: W 46.85" H 23.43" D 2.76" to 5.91"
(Wedge on long side)

⚖ R-4: 14.33 lbs

⚖ R-8: 17.64 lbs

⚖ R12: 22.05 lbs

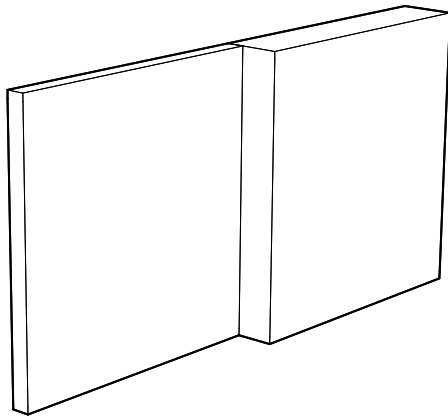
R-Woss: 18.30 lbs (Wedge on short side)

R-Wols: 18.30 lbs (Wedge on long side)

💡 LED light wall mounted, horizontal or vertical

LED 33 W | 3528 SMD | 2700 K | > 85 CRI | 870 lm

BuzziClipse Square Double



SQ-4 + SQ-4, SQ-4 + SQ-8, SQ-4 + SQ-12, SQ-4 + SQ-W,
SQ-8 + SQ-8, SQ-8 + SQ-12, SQ-8 + SQ-W,
SQ-12 + SQ-12, SQ-12 + SQ-W, SQ-W + SQ-W



Anodized aluminum LED frame

Acoustic panel upholstered in Fabric, Rough, Trevira CS+ | CS,
Terra

SQ-4 + SQ-4: W 46.85" H 23.43" D 2.76"

SQ-4 + SQ-8: W 46.85" H 23.43" D 4.33"

SQ-4 + SQ-12: W 46.85" H 23.43" D 5.91"

SQ-4 + SQ-W: W 46.85" H 23.43" D 5.91"



SQ-8 + SQ-8: W 46.85" H 23.43" D 4.33"

SQ-8 + SQ-12: W 46.85" H 23.43" D 5.91"

SQ-8 + SQ-W: W 46.85" H 23.43" D 5.91"

SQ-12 + SQ-12: W 46.85" H 23.43" D 5.91"

SQ-12 + SQ-W: W 46.85" H 23.43" D 5.91"

SQ-W + SQ-W: W 46.85" H 23.43" D 5.91"

SQ-4 + SQ-4: 14.77 lbs

SQ-4 + SQ-8: 17.20 lbs

SQ-4 + SQ-12: 19.62 lbs

SQ-4 + SQ-W: 17.64 lbs



SQ-8 + SQ-8: 19.62 lbs

SQ-8 + SQ-12: 22.05 lbs

SQ-8 + SQ-W: 20.06 lbs

SQ-12 + SQ-12: 24.47 lbs

SQ-12 + SQ-W: 22.49 lbs

SQ-W + SQ-W: 20.50 lbs



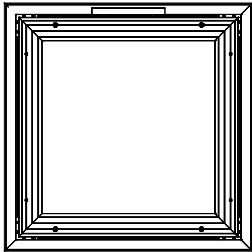
Acoustic LED light wall mounted, horizontal or vertical
LED 33 W | 3528 SMD | 2700 K | > 85 CRI | 870 lm

Composition



The BuzziClipse has two main components: the LED frame and an acoustic panel.

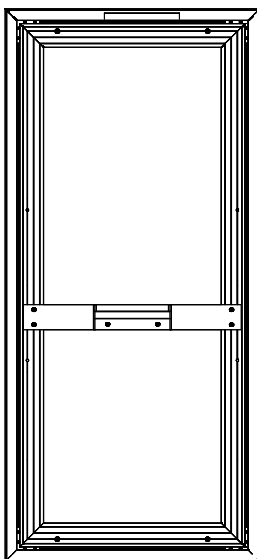
LED Frame



The LED frame for BuzziClipse Square consists of an anodized aluminum frame fitted with LED strips on all four sides, finished with an opaque diffuser. The LED frame emits a warm white light of 580 lumen. A bracket to mount the acoustic panel onto the LED frame is included.

The LED frame is fitted with min. 15" of secondary wiring, (2core / 20 AWG / 75°C / UL Type CMP).

The BuzziClipse does not include a power supply. Select the correct class II power supply, rated 24V DC 30W.



The LED frame for BuzziClipse Square Double and Rectangular consists of an anodized aluminum frame fitted with LED strips on all four sides, finished with an opaque diffuser. The LED frame emits a warm white light of 870 lumen. Two brackets to mount the acoustic panel(s) onto the LED frame.

The LED frame is fitted with min. 20" of secondary wiring, (2core / 20 AWG / 75°C / UL Type CMP).

The BuzziClipse does not include a power supply. Select the correct class II power supply, rated 24V DC 40W.

Acoustic Panel



The acoustic panels are available in a thickness of 1.57", 3.15 or 4.72" or in a wedged variant going from 1.57" - 4.72" in thickness. They consist of a poplar multiplex frame and a foam filling upholstered in a variety of fabrics

Fabrics

Fabric

**Category A**

Composition 70% Recycled Wool, 25% Recycled Polyacryl,
5% Recycled Other Fabrics

Weight 405 g/m² | 11.94 oz/yd²

Abrasion resistance 40.000 Martindale, 50,000 Wyzenbeek

Flammability EU: EN 1021.1/2006 | BS EN 1021.1/2006 (cigarette).
EN 1021.2/2006 | BS EN 1021.2/2006 (match)
USA: CAL TB 117 | ASTM E84 CLASS A

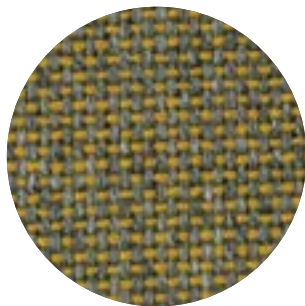
Fastness to light EU: 4 | USA 4

Fastness to rubbing EU: Wet 3-4 | Dry 4-5

Fastness to crocking USA: Wet 5 | Dry 5



Rough

**Category A**

Composition 100% Polyacryl

Weight 456 g/m² | 13.45 oz/yd²

Abrasion resistance 40.000 Martindale

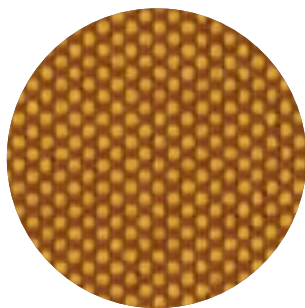
Flammability EU: EN 1021.1/2006 | BS EN 1021.1/2006 (cigarette)
USA: CAL TB TB 117

Fastness to light EU: 5

Fastness to rubbing EU: Wet: 3 | Dry: 3



Trevira CS+ | CS

**Category A**

Weight 420 g/m² | 12.39 oz/yd²

Composition 100% Polyester, Trevira CS

Abrasion resistance 100.000 Martindale, 90,000 Wyzenbeek

Flammability BS 5852 part II: CRIB 5 | BS 7176 Medium Hazard
USA: CAL TB 117 | M1 | B1 | EN 1021/1-2 | C1 |
IMO Res. A652 (16)

Fastness to light EU: 6 | USA 5

Fastness to rubbing EU: Wet 4-5 | Dry 4-5

Fastness to crocking USA: Wet 5 | Dry 5



Terra

**Category B**

Composition 100% Pure New Wool

Weight 370 g/m² | 10.91 oz/yd²

Abrasion resistance 40.000 Martindale, 25,000 Wyzenbeek

Flammability EU: BS5852 CRIB 5 | BS5867 PART 2 : 2008 : TYPE B
EN: 1021.2/2006 | USA: CAL TB 117

Fastness to light EU 5 | USA 5

Fastness to rubbing EU: Wet 4 | Dry 4

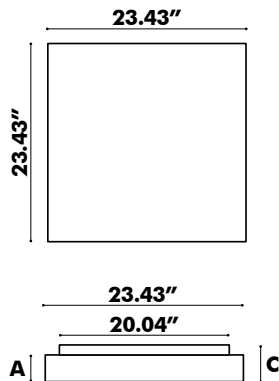
Fastness to crocking USA: Wet 4 | Dry 4



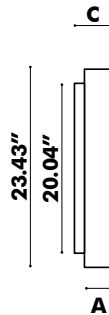
Dimensions

BuzziClipse Square

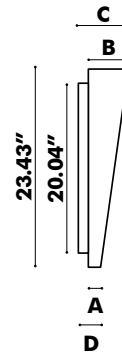
SQ-4-8-12-Wedge



SQ-4-8-12



SQ-Wedge*



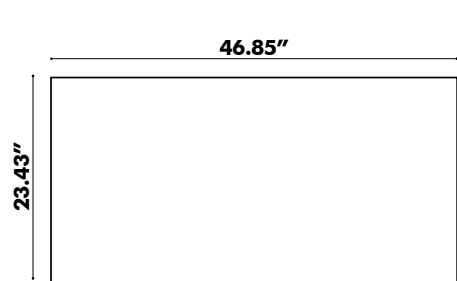
	SQ-4	SQ-8	SQ-12	SQ-Wedge
A	1.57"	3.15"	4.72"	1.57"
B	-	-	-	4.72"
C	2.76"	4.33"	5.91"	5.91"
D	-	-	-	2.76"

*Acoustic panel wedge can be mounted in 4 directions on LED frame

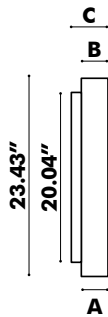
BuzziClipse Rectangular

Can be mounted in horizontal or vertical direction to the wall.

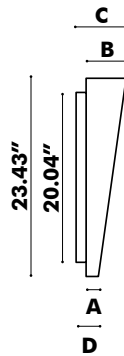
R-4-8-12-Woss-Wols*



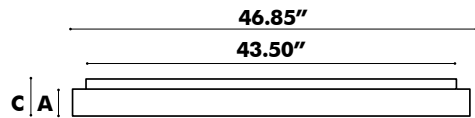
R-4-8-12



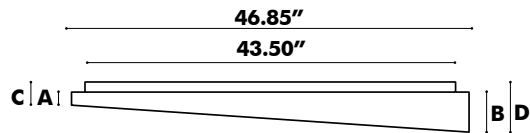
R-Woss*



R-4-8-12



R-Wols*



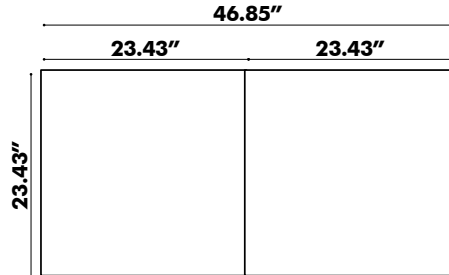
	R-4	R-8	R-12	R-Woss*	R-Wols*
A	1.57"	3.15"	4.72"	1.57"	1.57"
B	-	-	-	4.72"	4.72"
C	2.76"	4.33"	5.91"	5.91"	2.76"
D	-	-	-	2.76"	5.91"

* Woss - Wedge on short side
 * Wols - Wedge on long side
 * Acoustic panel Woss and Wols can be mounted in two directions on LED frame

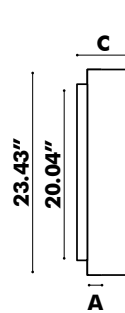
BuzziClipse Square Double

Can be mounted in horizontal or vertical direction.

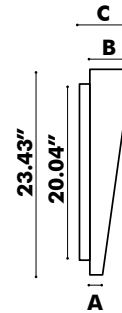
SQ-4-8-12-W



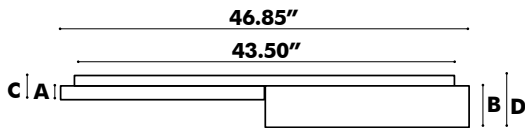
SQ-4-8-12



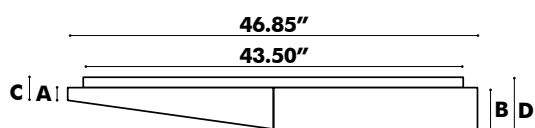
SQ-Wedge



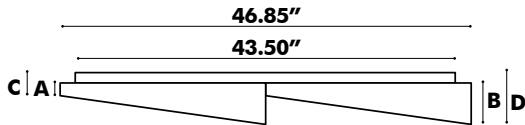
SQ-4-8-12



SQ-4-8-12 + Wedge



SQ W + Wedge



	SQ-4 + SQ-4	SQ-4 + SQ-8	SQ-4 + SQ-12	SQ-4 + SQ-W
A	1.57"	1.57"	1.57"	1.57"
B	1.57"	3.15"	4.72"	4.72"
C	2.76"	2.76"	2.76"	2.76"
D	2.76"	4.33"	5.91"	5.91"

	SQ-8 + 8	SQ-8 + SQ-12	SQ-8 + SQ-W
A	3.15"	3.15"	3.15"
B	3.15"	4.72"	4.72"
C	4.33"	4.33"	4.33"
D	4.33"	5.91"	5.91"

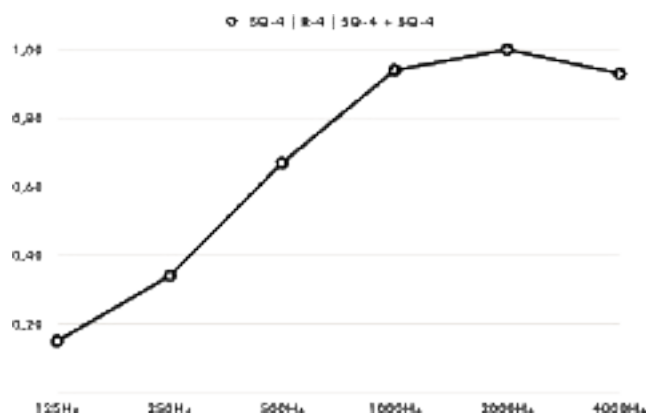
	SQ-12 + SQ-12	SQ-12 + SQ-W	SQ-W + SQ-W
A	4.72"	1.57"	1.57"
B	4.72"	4.72"	4.72"
C	5.91"	2.76"	2.76"
D	5.91"	5.91"	5.91"

Acoustic Panel Wedge can be mounted in 4 directions to the LED frame.

Acoustics

BuzziClipse SQ-4 | R-4 | SQ-4 + SQ-4

Absorption coefficient



Hz	α^s
125	0.15
250	0.34
500	0.67
1000	0.94
2000	1.00
4000	0.93

Absorption Values

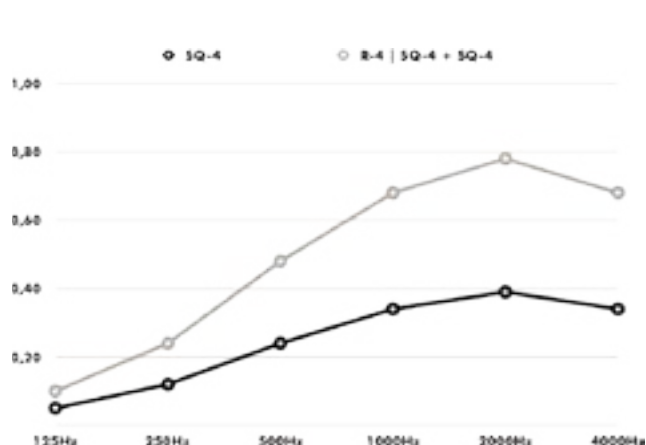
α_w
(ISO 11654) **0.65**

NRC
(ASTM - C423) **0.75**

SAA
(ASTM-C423) **0.76**

Class
(ISO 11654) **C**

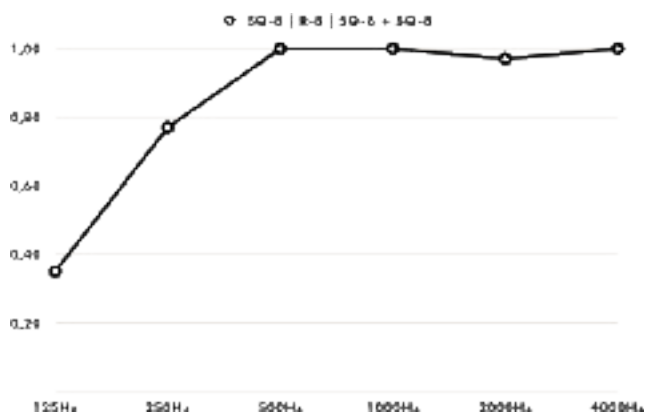
Equivalent sound absorption area in m² per object



Hz	SQ-4 Aeq/m ²	R-4 SQ-4 + SQ-4 Aeq/m ²
125	0.05	0.10
250	0.12	0.24
500	0.24	0.48
1000	0.34	0.68
2000	0.39	0.78
4000	0.34	0.68

BuzziClipse SQ-8 | R-8 | SQ-8 + SQ-8

Absorption coefficient



Hz	α^s
125	0.35
250	0.77
500	1.00
1000	1.00
2000	0.97
4000	1.00

Absorption values

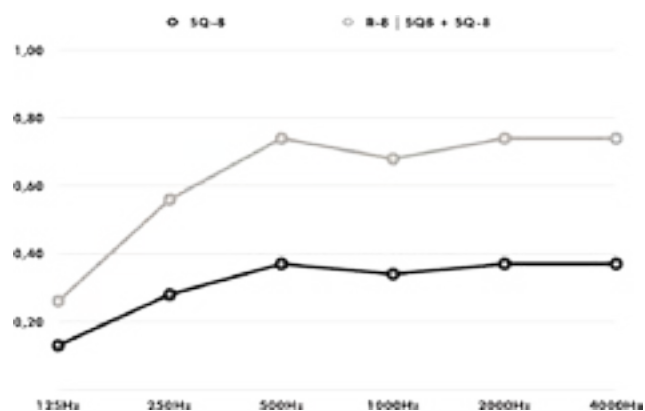
α_w
(ISO 11654) **1.00**

NRC
(ASTM - C423) **0.95**

SAA
(ASTM-C423) **0.95**

Class
(ISO 11654) **A**

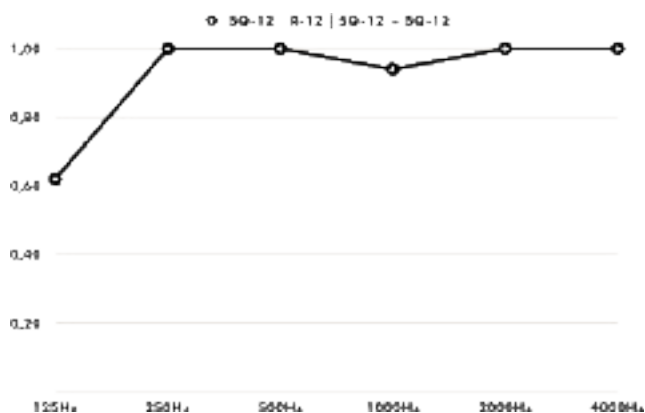
Equivalent sound absorption area in m² per object



Hz	SQ-8 Aeq/m²	R-8 SQ-8 + SQ-8 Aeq/m²
125	0.13	0.26
250	0.28	0.56
500	0.37	0.74
1000	0.34	0.68
2000	0.37	0.74
4000	0.37	0.74

BuzziClipse SQ-12 | R-12 | SQ-12 + SQ-12

Absorption coefficient



Hz	α^s
125	0.62
250	1.00
500	1.00
1000	0.94
2000	1.00
4000	1.00

Absorption values

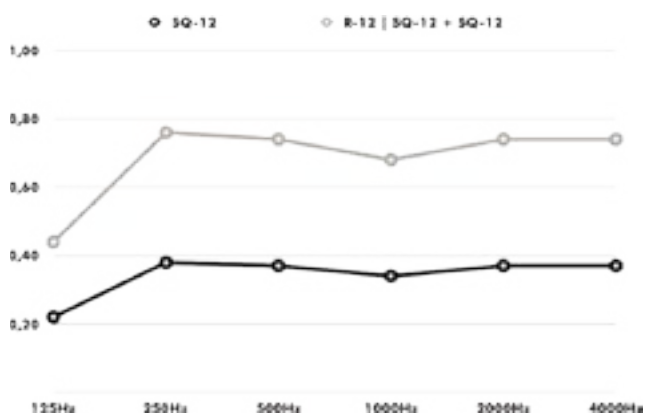
α_w
(ISO 11654) **1.00**

NRC
(ASTM - C423) **1.00**

SAA
(ASTM-C423) **1.00**

Class
(ISO 11654) **A**

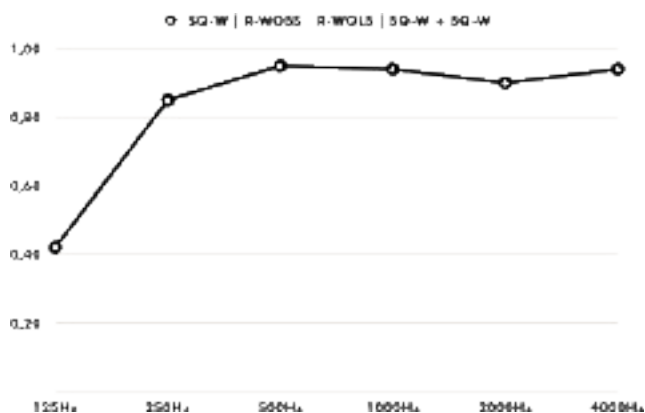
Equivalent sound absorption area in m² per object



Hz	SQ-12 Aeq/m²	R-12 SQ-12 + SQ-12 Aeq/m²
125	0.22	0.44
250	0.38	0.76
500	0.37	0.74
1000	0.34	0.68
2000	0.37	0.74
4000	0.37	0.74

BuzziClipse SQ-W | R-Woss | R-Wols | SQ-W + SQ-W

Absorption coefficient



Hz	α^s
125	0.42
250	0.85
500	0.95
1000	0.94
2000	0.90
4000	0.94

Absorption values

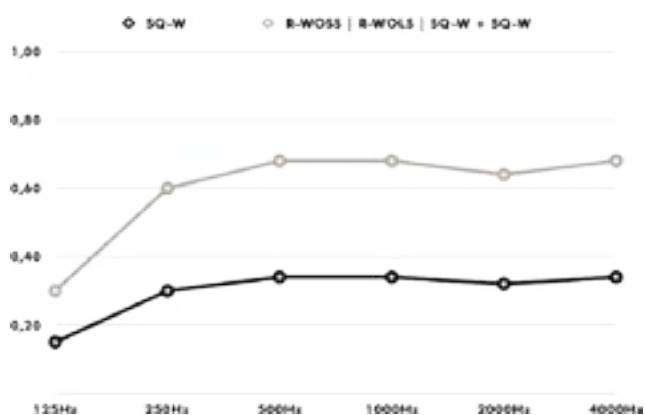
α_w
(ISO 11654) **0.95**

NRC
(ASTM - C423) **0.90**

SAA
(ASTM-C423) **0.91**

Class
(ISO 11654) **A**

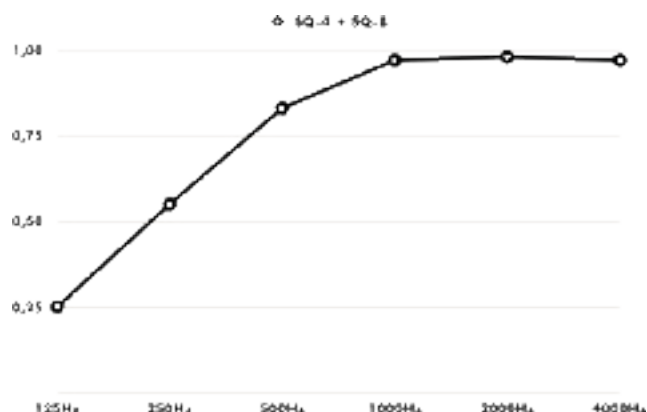
Equivalent sound absorption area in m² per object



Hz	SQ-W Aeq/m²	R-Woss R-Wols SQ-W + SQ-W Aeq/m²
125	0.15	0.30
250	0.30	0.60
500	0.34	0.68
1000	0.34	0.68
2000	0.32	0.64
4000	0.34	0.68

BuzziClipse SQ-4 + SQ-8

Absorption coefficient



Hz	α^s
125	0.25
250	0.55
500	0.83
1000	0.97
2000	0.98
4000	0.97

Absorption values

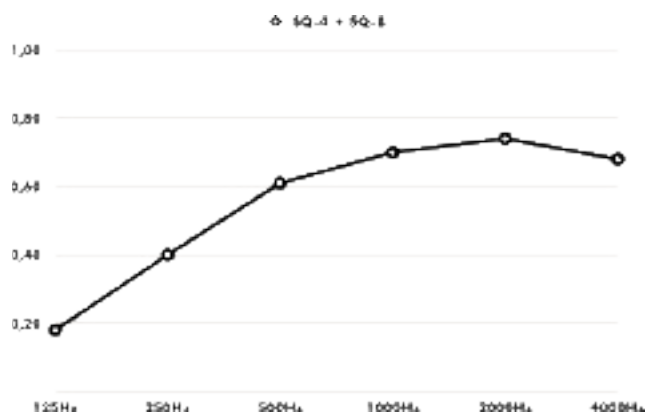
α_w
(ISO 11654) **0.80**

NRC
(ASTM - C423) **0.83**

SAA
(ASTM-C423) **0.75**

Class
(ISO 11654) **B (NRC)**

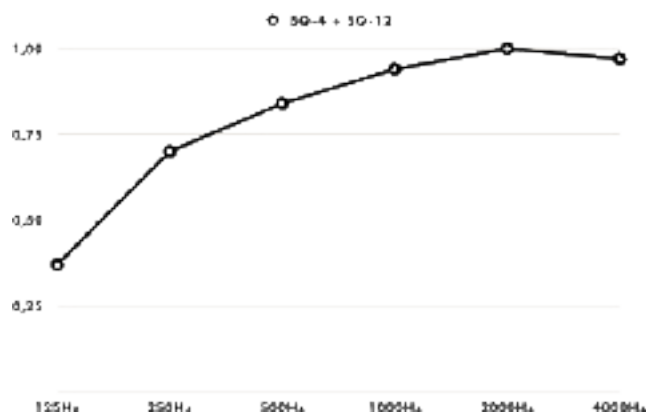
Equivalent sound absorption area in m² per object



Hz	Aeq/m ²
125	0.18
250	0.40
500	0.61
1000	0.70
2000	0.74
4000	0.68

BuzziClipse SQ-4 + SQ-12

Absorption coefficient



Hz	α^s
125	0.37
250	0.70
500	0.84
1000	0.94
2000	1
4000	0.97

Absorption values

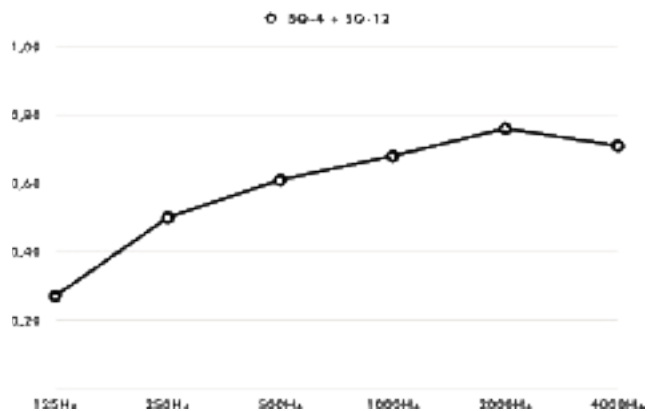
α_w
(ISO 11654) **0.85**

NRC
(ASTM - C423) **0.87**

SAA
(ASTM-C423) **0.85**

Class
(ISO 11654) **B**

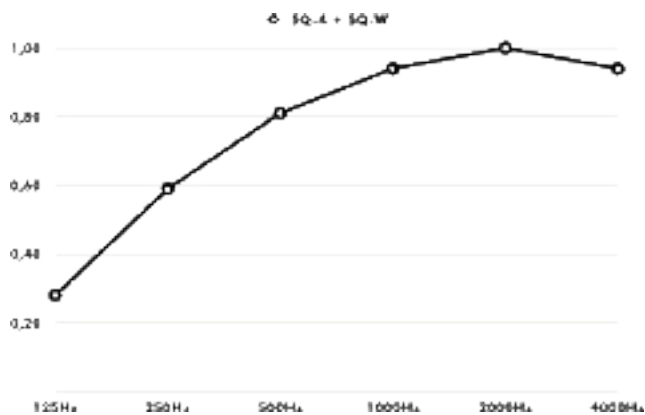
Equivalent sound absorption area in m² per object



Hz	Aeq/m ²
125	0.27
250	0.50
500	0.61
1000	0.68
2000	0.76
4000	0.71

BuzziClipse SQ-4 + SQ-W

Absorption coefficient



Hz	α^s
125	0.28
250	0.59
500	0.81
1000	0.94
2000	1
4000	0.94

Absorption values

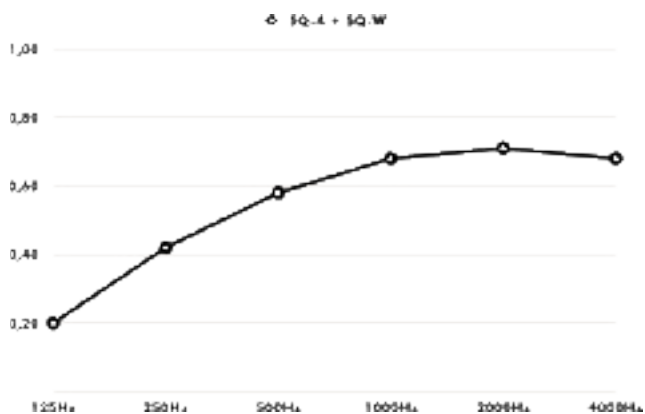
α_w
(ISO 11654) **0.80**

NRC
(ASTM - C423) **0.82**

SAA
(ASTM-C423) **0.80**

Class
(ISO 11654) **B**

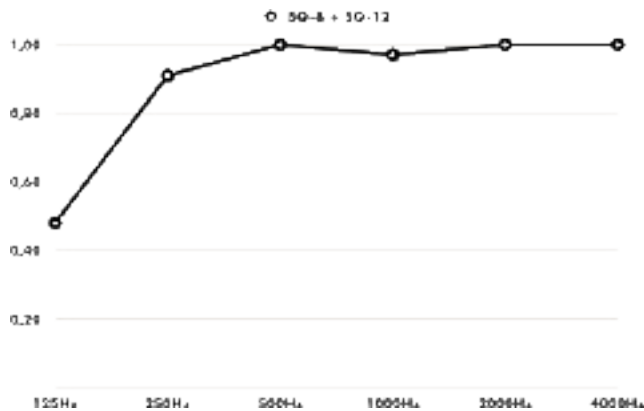
Equivalent sound absorption area in m² per object



Hz	Aeq/m²
125	0.20
250	0.42
500	0.58
1000	0.68
2000	0.71
4000	0.68

BuzziClipse SQ-8 + SQ-12

Absorption coefficient



Hz	α^s
125	0.48
250	0.91
500	1
1000	0.97
2000	1
4000	1

Absorption values

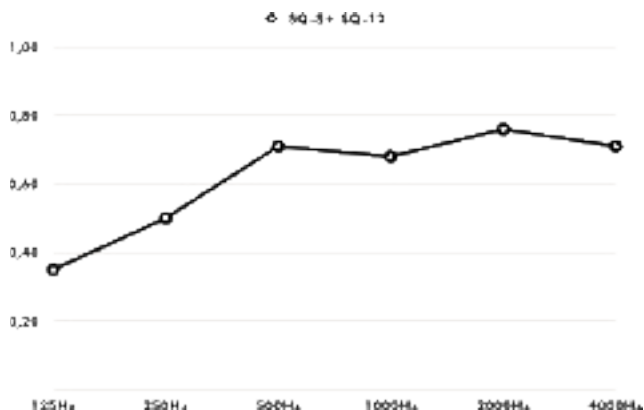
α_w
(ISO 11654) **0.90**

NRC
(ASTM - C423) **0.97**

SAA
(ASTM-C423) **0.96**

Class
(ISO 11654) **A**

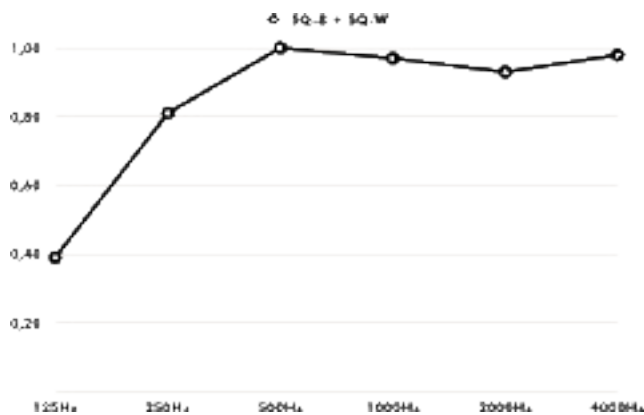
Equivalent sound absorption area in m² per object



Hz	Aeq/m²
125	0.35
250	0.50
500	0.71
1000	0.68
2000	0.76
4000	0.71

BuzziClipse SQ-8 + SQ-W

Absorption coefficient



Hz	α^s
125	0.39
250	0.81
500	1
1000	0.97
2000	0.93
4000	0.98

Absorption values

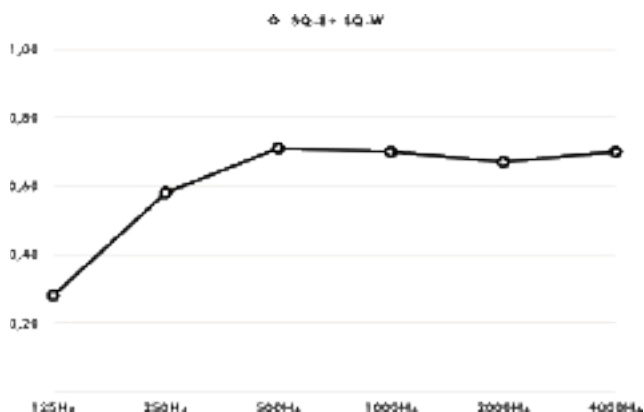
α_w
(ISO 11654) **0.80**

NRC
(ASTM - C423) **0.92**

SAA
(ASTM-C423) **0.89**

Class **B** (α_w)
(ISO 11654) **A** (NRC)

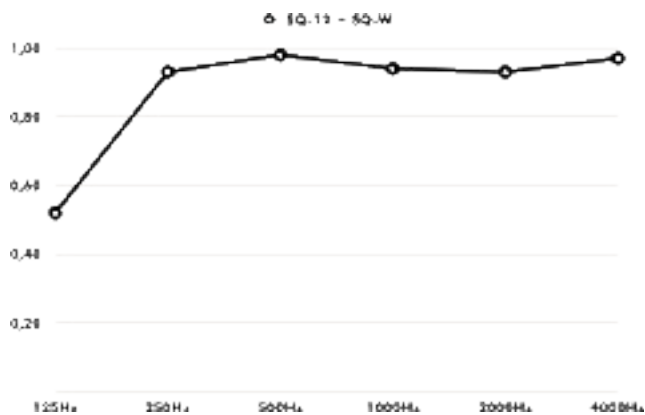
Equivalent sound absorption area in m² per object



Hz	Aeq/m²
125	0.28
250	0.58
500	0.71
1000	0.70
2000	0.67
4000	0.70

BuzziClipse SQ-12 + SQ-W

Absorption coefficient



Hz	α^s
125	0.52
250	0.93
500	0.94
1000	0.94
2000	0.93
4000	0.97

Absorption values

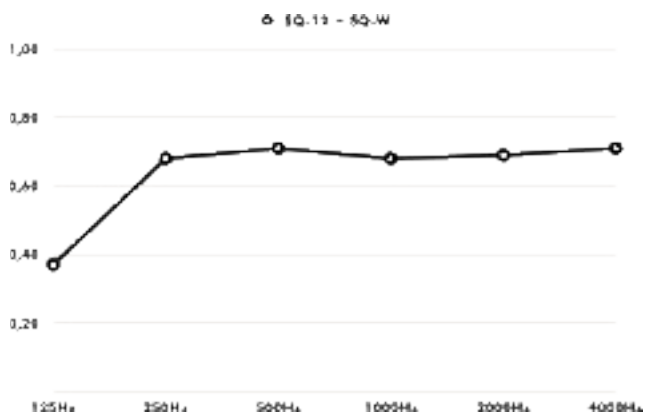
α_w
(ISO 11654) **0.90**

NRC
(ASTM - C423) **0.95**

SAA
(ASTM-C423) **0.95**

Class
(ISO 11654) **A**

Equivalent sound absorption area in m² per object



Hz	Aeq/m ²
125	0.37
250	0.68
500	0.71
1000	0.68
2000	0.69
4000	0.71

Glossary

All calculations are based on accredited lab measurements, official document available on Buzzi.Space

Definitions

α_w	Weighted absorption coefficient	(ISO 11654)
NRC	Noise reduction coefficient	(ASTM - C423)
SAA	Sound absorption average	(ASTM - C423)

Classification of sound absorbers NEN-EN-ISO 11654

A	0.90 0.95 1.0
B	0.80 0.85
C	0.60 0.65 0.70 0.75
D	0.03 0.55
E	0.15 0.25