
BuzziKey Soft

Product Specification Sheet

This document contains technical
information about the BuzziKey Soft



www.buzzi.space

A playful acoustic panel attuned to modern spaces

BuzziKey Soft offers exceptional sound-absorption capabilities ensuring an acoustically well-balanced space that is never out of tune! The soft exterior and chamfered edges create an intriguing blend of contrasts that help break the hard surfaces and lines of a space. BuzziKey Soft lightens and softens walls all while upholding a sense of familiarity with the classic acoustic panel. It's back to basics, yet attuned to modern spaces and interiors alike. Play with perspectives and add depth of field with different models, available in various sizes and depths, and choose your favorite color combinations for a distinctive look.

Design by BuzziSpace Studio

General

-  BuzziKey Soft Square | Rectangular
Wall mounted
-  Back: MDF
Filling: Acoustic foam
Cover: Fabric, Trevira CS, Reflect, Revive 1, Clara 2, Remix 3, Velvet, Hero 2, Tonus 4, Arda, Memory 2
-  Dry Use
-  Assembled

Certifications



Acoustics



Absorption



Low tone



Mid tone



High tone

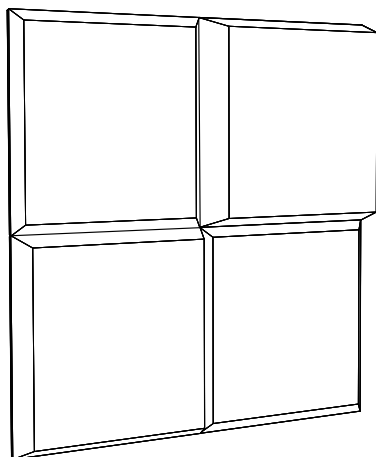
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Configurations

BuzziKey Soft Square

Example composition (can be bought per piece)



Back: MDF

Filling: Acoustic foam

Cover: Fabric, Trevira CS, Reflect, Revive 1, Clara 2, Remix 3, Velvet, Hero 2, Tonus 4, Arda, Memory 2



SQ-4: W 59,5 cm H 59,5 cm D 4 cm
W 23.43" H 23.43" D 1.57"

SQ-8: W 59,5 cm H 59,5 cm D 8 cm
W 23.43" H 23.43" D 3.15"

SQ-12: W 59,5 cm H 59,5 cm D 12 cm
W 23.43" H 23.43" D 4.72"



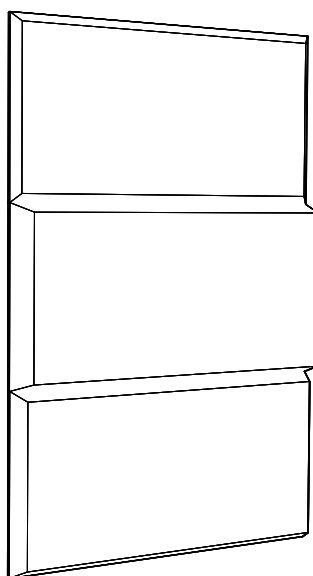
SQ-4: 2,9 kg
6.39 lbs

SQ-8: 3,3 kg
7.28 lbs

SQ-12: 3,7 kg
8.16 lbs

BuzziKey Soft Rectangular

Example composition (can be bought per piece)



Back: MDF

Filling: Acoustic foam

Cover: Fabric, Trevira CS, Reflect, Revive 1, Clara 2, Remix 3, Velvet, Hero 2, Tonus 4, Arda, Memory 2



R-4: W 119 cm H 59,5 cm D 4 cm
W 46.85" H 23.43" D 1.57"

R-8: W 119 cm H 59,5 cm D 8 cm
W 46.85" H 23.43" D 3.15"

R-12: W 119 cm H 59,5 cm D 12 cm
W 46.85" H 23.43" D 4.72"



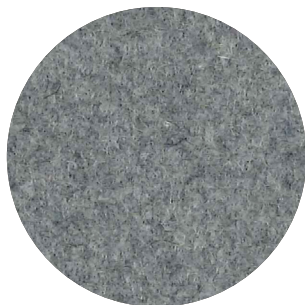
R-4: 5,8 kg
12.79 lbs

R-8: 6,6 kg
14.55 lbs

R-12: 7,4 kg
16.31 lbs

Fabrics

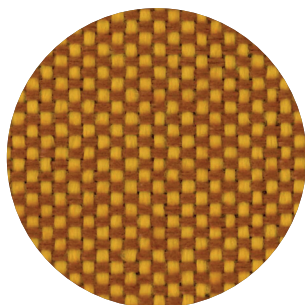
Fabric (45 colors)



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

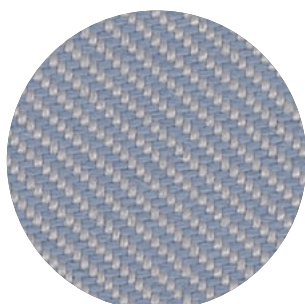
Trevira CS (47 colors)



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

Reflect (34 colors)



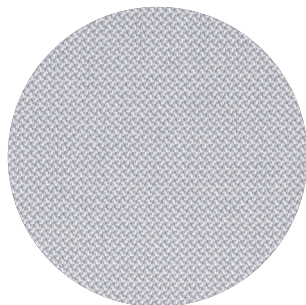
Category A
Weight 430 g/m² | 13.78 oz/yd²
Composition 100% Post-consumer recycled polyester
Abrasion resistance 100.000 Martindale
Flammability AS/NZS 3837 class 1 | ASTM E84 Class A Unadhered
ASTM E84 Class B Adhered | BS 5852 crib 5 with treatment
BS 5852 part 1 with treatment | EN 1021-1/2 | US Cal. Bull. 117-2013
Fastness to light Note 5-7, ISO 105-B02
Fastness to rubbing EU: Wet 5-5 | Dry 5-5
Pilling Note 4, EN ISO 12945

kvadrat

Revive 1 (25 colors)

kvadrat



Category A

Composition 100% recycled polyester FR

Weight 430 g/lin.m

Abrasion resistance 60.000 Martindale rubs, EN ISO 12947

Flammability EN 1021-1/2 | DIN 4102 B1 | Önorm B1/Q1

UNI 9175 1IM | US Cal. Tech. Bull. 117

IMO A.652 (16)

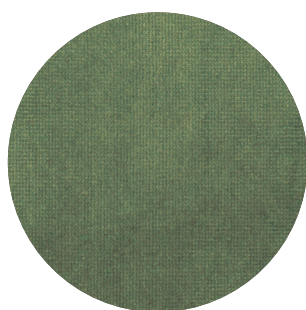
Fastness to light Note 5-7, ISO 105-B02

Fastness to rubbing (ISO) dry 5, wet 4-5

Pilling Note 4-5, EN ISO 12945



Velvet (12 colors)



Category B

Composition 100% PES

Weight 375 g/m² | 11.06 oz/yd²

Abrasion resistance > 100.000 Martindale

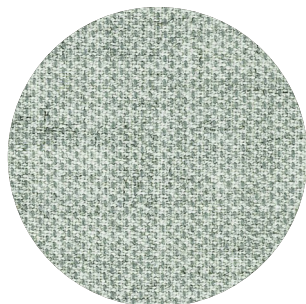
Fastness to light EU: 4-5

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

Pilling EU: 4-5

Clara 2 (24 colors)

kvadrat



Category B

Composition 92% new wool, 8% nylon

Weight 400 g/lin.m

Abrasion resistance 80.000 Martindale rubs, EN ISO 12947

Flammability EN 1021-1/2 | BS 5852, ignition source 2-3 | DIN 4102 B2

NF D 60 013 | UNI 9175 1IM | US Cal. Tech. Bull. 117, Sec. E

NFPA 260 | IMO A.652(16)

Fastness to light Note 5-7, ISO 105-B02

Fastness to rubbing (ISO) dry 4-5, wet 4

Pilling Note 4, EN ISO 12945



Remix 3 (73 colors)

kvadrat



Category B

Composition 90% new wool, 10% nylon

Weight 415 g/lin.m

Abrasion resistance 100.000 Martindale rubs, EN ISO 12947

Flammability EN 1021-1/2 | BS 5852 part 1

Önorm B1/Q1 | NF D 60 013 | UNI 9175, 1IM

AS/NZS 1530.3 | Cal. Tech. Bull. 117-2013

NFPA 260 | IMO FTP Code 2010:Part 8

Fastness to light Note 5-7, ISO 105-B02

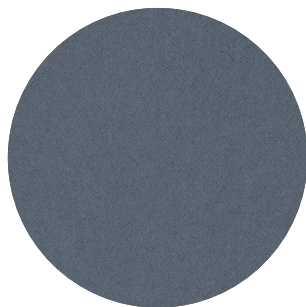
Fastness to rubbing (ISO) dry 4-5, wet 4

Pilling Note 4, EN ISO 12945



Hero 2 (33 colors)

kvadrat



Category C

Composition 97% new wool, 3% nylon

Weight 580 g/lin.m

Abrasion resistance 45.000 Martindale rubs, EN ISO 12947

Flammability EN 1021-1/2 | DIN 4102 B2 | NF D 60 013

UNI 9175 1IM | US Cal. Bull. 117-2013 | NFPA 260

IMO A.652 (16)

Fastness to light Note 5-6, ISO 105-B02

Fastness to rubbing (ISO) dry 4-5, wet 4-5

Pilling Note 3-4, EN ISO 12945



Tonus 4 (47 colors)

kvadrat



Category D

Composition 90% new wool, 10% Helanca

Weight 665 g/lin.m

Abrasion resistance 100.000 Martindale rubs, EN ISO 12947

Flammability EN 1021-1/2 | BS 5852 part 1 | DIN 4102 B2

Önorm B1/Q1 | NF D 60 013 | UNI 9175 1IM

US Cal. Bull. 117-2013 | NFPA 260 | IMO A.652 (16)

Fastness to light Note 5-7, ISO 105-B02

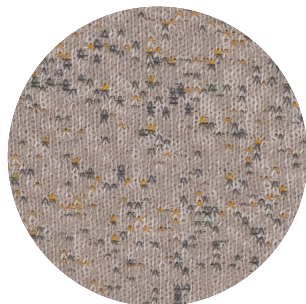
Fastness to rubbing (ISO) dry 3-5, wet 3-5

Pilling Note 3, EN ISO 12945



Arda (12 colors)

kvadrat



Category E

Composition 70% new wool 21% polyester 9% nylon

Weight 800 g/lin. m | 25.8 oz/ly

Abrasion resistance

Approx. 50.000 Martindale rubs, EN ISO 12947

Flammability ASTM E84 Class A Unadhered | AS/NZS 3837 class 2 | BS 5852 part 1

BS 5852 crib 5 | DIN 4102 B2 | EN 1021-1/2 | IMO FTP Code 2010 Part 8

UNI 9175 1IM | US Cal. Bull. 117-2013

Fastness to light Note 5-8, ISO 105-B02

Fastness to rubbing Dry note 3-5 ISO 105-X12

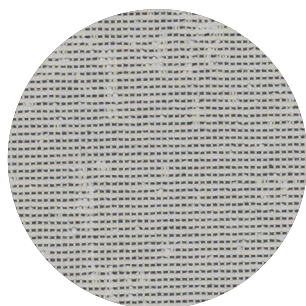
Wet note 3-5 ISO 105-X12

Pilling Note 4, EN ISO 12945



Memory 2 (20 colors)

kvadrat



Category E

Composition 100% Trevira CS

Weight 700 g/lin.m

Abrasion resistance

35.000 rubs acc. to the Martindale method, EN ISO 12947

Flammability EN 1021-1/2 | DIN 4102 B1 | Önorm B1/Q1

NF D 60 013 | NF P 92 507 M1 | UNI 9175 1IM

UNI 9177 classe 1 | US Cal. Tech. Bull. 117

IMO A.652 (16)

Fastness to light Note 5-8, ISO 105-B02

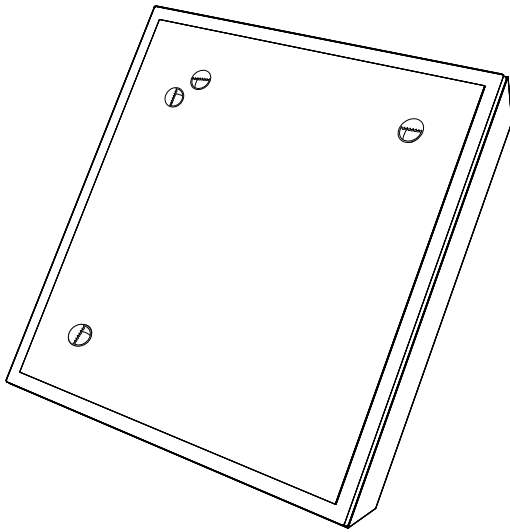
Fastness to rubbing (ISO) dry 4-5, wet 4-5

Pilling Note 4, EN ISO 12945



Fixing Systems

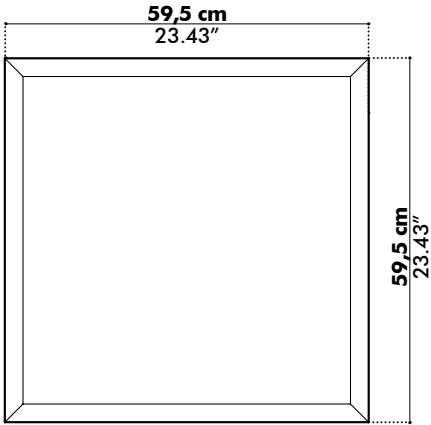
Fixing System Wall (included)



BuzziKey Soft Fixing System.
4 pcs for BuzziKey Soft Square
4 pcs for BuzziKey Soft Rectangular
(horizontal or vertical mounting)

Dimensions BuzziKey Soft

BuzziKey Soft Square



SQ-12

12 cm
4.72"



SQ-8

8 cm
3.15"

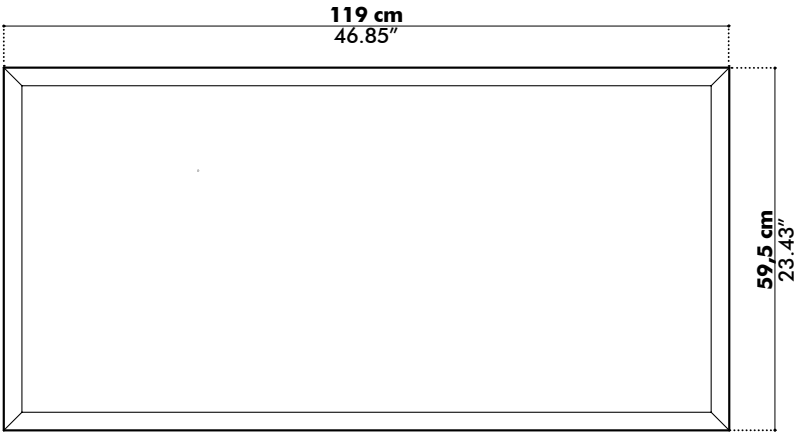


SQ-4

4 cm
1.57"

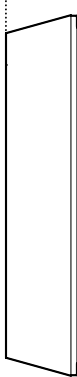


BuzziKey Soft Rectangular



R-12

12 cm
4.72"



R-8

8 cm
3.15"



R-4

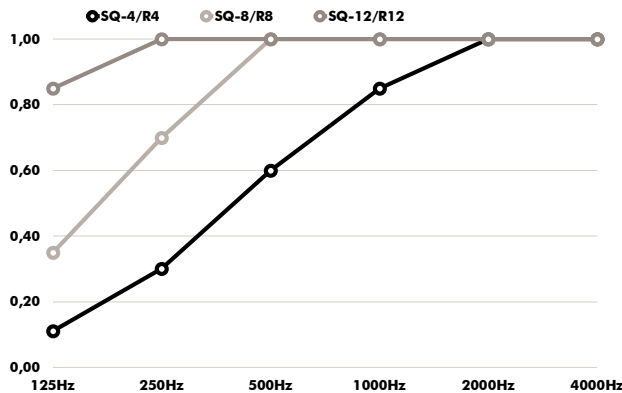
4 cm
1.57"



Acoustics

BuzziKey Soft

Absorption coefficient



Hz	α^s SQ-4/R4	α^s SQ-8/R8	α^s SQ-12/R12
125	0.11	0.35	0.58
250	0.30	0.70	1.00
500	0.60	1.00	1.00
1000	0.85	1.00	1.00
2000	1.00	1.00	1.00
4000	1.00	1.00	1.00

Absorption Values

SQ4/R4

α_w
(ISO 11654) **0.70**

NRC
(ASTM - C423) **0.70**

SAA
(ASTM-C423)

SQ8/R8

α_w
(ISO 11654) **0.95**

NRC
(ASTM - C423) **0.95**

SAA
(ASTM-C423)

SQ12/R12

α_w
(ISO 11654) **1.00**

NRC
(ASTM - C423) **1.00**

SAA
(ASTM-C423)

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