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# BuzziFree

## Product Specification Sheet

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This document contains technical information about the BuzziFree

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[www.buzzi.space](http://www.buzzi.space)



## Free standing screen

The BuzziFree can stand on its own, dividing a room into two parts while improving visual and sound comfort. This mobile room divider is simple by design. The product is made of BuzziFelt.

BuzziSpace Studio

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## General



Free

Cover: BuzziFelt



Core: honeycomb cardboard

Baseplate: powder coated metal in alu color (RAL 9006) or black (RAL 9005)

Min. dimensions: H 74 cm W 57 cm  
H 29.13" W 22.44"



Max. dimensions: H 180 cm W 160 cm if height  $\leq$  160 cm: Width max 200 cm  
H 70.87" W 62.99" if height  $\leq$  62.99": Width max 78.74"



Dry use



Flat packed

Bicolor



Extra layer in Fabric, Rough, Trevira CS+ | CS, Revive 1, Revive 2, Terra, Clara 2, Remix 2, Hero, Tonus 4, Tonus Meadow, Memory 2, Matrix

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## Acoustic



Attenuation

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# Configurations



Free

Cover: BuzziFelt



Core: honeycomb cardboard

Baseplate: powder coated metal in alu color (RAL 9006) or black (RAL 9005)

Min. dimensions: H 74 cm W 57 cm  
H 29.13" W 22.44"



Max. dimensions: H 180 cm W 160 cm if height ≤ 160 cm: Width max 200 cm  
H 70.87" W 62.99" if height ≤ 62.99": Width max 78.74"

| Height           | Width            | Weight:<br>BuzziFree in Felt,<br>Floorplate incl. | Height           | Width            | Weight:<br>BuzziFree in Felt,<br>Floorplate incl. |
|------------------|------------------|---|------------------|------------------|---|
| 120 cm<br>47.24" | 80 cm<br>31.50"  | 14 kg<br>30.86 lbs                                | 140 cm<br>55.12" | 80 cm<br>31.50"  | 14,1 kg<br>31.08 lbs                              |
|                  | 100 cm<br>39.37" | 14,8 kg<br>32.63 lbs                              |                  | 100 cm<br>39.37" | 15,1 kg<br>33.29 lbs                              |
|                  | 120 cm<br>47.24" | 19,6 kg<br>43.21 lbs                              |                  | 120 cm<br>47.24" | 20,5 kg<br>45.19 lbs                              |
|                  | 140 cm<br>55.12" | 20,5 kg<br>45.19 lbs                              |                  | 140 cm<br>55.12" | 21,4 kg<br>47.18 lbs                              |
|                  | 160 cm<br>62.99" | 23,3 kg<br>46.96 lbs                              |                  | 160 cm<br>62.99" | 22,4 kg<br>49.38 lbs                              |
|                  | 180 cm<br>70.86" | 22,1 kg<br>48.72 lbs                              |                  | 180 cm<br>70.86" | 23,4 kg<br>51.59 lbs                              |
|                  | 200 cm<br>78.74" | 23 kg<br>50.71 lbs                                |                  | 200 cm<br>78.74" | 24,3 kg<br>53.57 lbs                              |



|                  |                  |                      |                  |                  |                      |
|------------------|------------------|----------------------|------------------|------------------|----------------------|
| 160 cm<br>62.99" | 80 cm<br>31.50"  | 14,7 kg<br>32.41 lbs | 180 cm<br>70.86" | 80 cm<br>31.50"  | 15,2 kg<br>33.51 lbs |
|                  | 100 cm<br>39.37" | 15,8 kg<br>34.83 lbs |                  | 100 cm<br>39.37" | 21 kg<br>46.30 lbs   |
|                  | 120 cm<br>47.24" | 21,3 kg<br>46.96 lbs |                  | 120 cm<br>47.24" | 22,2 kg<br>48.94 lbs |
|                  | 140 cm<br>55.12" | 22,4 kg<br>49.38 lbs |                  | 140 cm<br>55.12" | 23,4 kg<br>51.59 lbs |
|                  | 160 cm<br>62.99" | 23,5 kg<br>51.81 lbs |                  | 160 cm<br>62.99" | 24,6 kg<br>54.23 lbs |
|                  | 180 cm<br>70.86" | 24,6 kg<br>54.23 lbs |                  |                  |                      |
|                  | 200 cm<br>78.74" | 25,7 kg<br>56.66 lbs |                  |                  |                      |

Floorplate only: 49 cm x 49 cm: 9kg | 19.29" x 19.29": 19.84 lbs  
74 cm x 49 cm: 12,5 kg | 29.13" x 19.29": 27.56 lbs

Bicolor

- Extra layer in Fabric, Rough, Trevira CS+ | CS, Revive 1, Revive 2, Terra, Clara 2, Remix 2, Hero, Tonus 4, Tonus Meadow, Memory 2, Matrix

# Fabrics

Overview of the possibilities for an extra layer of fabric.  
This depends on the size of the product.

|  | Fabric                              | Rough                               | Terra                               | Trevira CS+                         | Trevira CS                          |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| H ≤ 120 cm W ≤ 200 cm<br>H ≤ 47.24" W ≤ 78.74" | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| H ≤ 140 cm W ≤ 120 cm<br>H ≤ 55.12" W ≤ 47.24" | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| H ≤ 140 cm W ≤ 200 cm<br>H ≤ 55.12" W ≤ 78.74" | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| H ≤ 160 cm W ≤ 120 cm<br>H ≤ 62.99" W ≤ 47.24" | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| H ≤ 160 cm W ≤ 140 cm<br>H ≤ 62.99" W ≤ 55.12" | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| H ≤ 160 cm W ≤ 180 cm<br>H ≤ 62.99" W ≤ 70.78" | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| H ≤ 180 cm W ≤ 120 cm<br>H ≤ 70.78" W ≤ 47.24" | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| H ≤ 180 cm W ≤ 140 cm<br>H ≤ 70.78" W ≤ 55.12" | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| H ≤ 180 cm W ≤ 160 cm<br>H ≤ 70.78" W ≤ 62.99" | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |

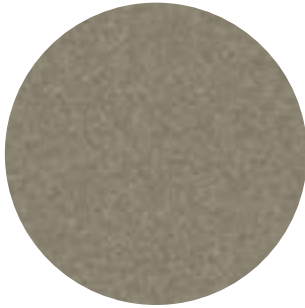
## kvadrat

|  | Revive 1                            | Revive 2                            | Clara 2                             | Remix                               | Hero                                | Tonus 4                             | Tonus meadow                        | Memory                              | Matrix                              |
|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| H ≤ 120 cm W ≤ 200 cm<br>H ≤ 47.24" W ≤ 78.74" | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| H ≤ 140 cm W ≤ 120 cm<br>H ≤ 55.12" W ≤ 47.24" | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| H ≤ 140 cm W ≤ 200 cm<br>H ≤ 55.12" W ≤ 78.74" | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| H ≤ 160 cm W ≤ 120 cm<br>H ≤ 62.99" W ≤ 47.24" | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| H ≤ 160 cm W ≤ 140 cm<br>H ≤ 62.99" W ≤ 55.12" | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| H ≤ 160 cm W ≤ 180 cm<br>H ≤ 62.99" W ≤ 70.78" | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| H ≤ 180 cm W ≤ 120 cm<br>H ≤ 70.78" W ≤ 47.24" | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| H ≤ 180 cm W ≤ 140 cm<br>H ≤ 70.78" W ≤ 55.12" | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| H ≤ 180 cm W ≤ 160 cm<br>H ≤ 70.78" W ≤ 62.99" | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |

# Fabrics

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## Felt



**Composition** 100% Recycled PE.T. Felt  
**Weight** 1.000 g/m<sup>2</sup> | 29.49 oz/yd<sup>2</sup>  
**Abrasion resistance** >7.000 Martindale  
**Flammability** EU: EN 13501.1+A1/2009  
BS476 Part 6 and 7 Class 0  
USA: ASTM E84 Class A certified  
**Fastness to light** USA 5



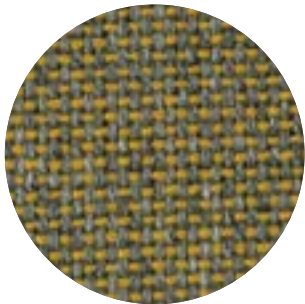
## Fabric



**Category** A  
**Composition** 70% Recycled Wool, 25% Recycled Polyacryl,  
5% Recycled Other Fabrics  
**Weight** 405 g/m<sup>2</sup> | 11.94 oz/yd<sup>2</sup>  
**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



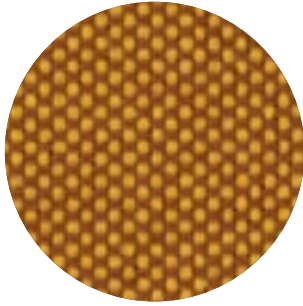
## Rough



**Category** A  
**Composition** 100% Polyacryl  
**Weight** 456 g/m<sup>2</sup> | 13.45 oz/yd<sup>2</sup>  
**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/m<sup>2</sup> | 12.39 oz/yd<sup>2</sup>

**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

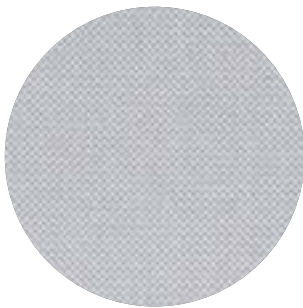
**Fastness to rubbing** EU: Wet 4-5 | Dry 4-5

**Fastness to crocking** USA: Wet 5 | Dry 5



## Revive 1

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**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

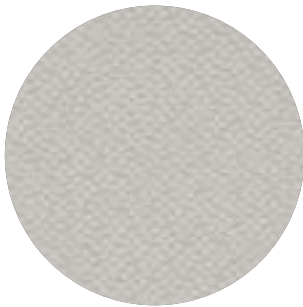
**Fastness to rubbing** (ISO) dry 5, wet 4-5

**Pilling** Note 4-5, EN ISO 12945



## Revive 2

kvadrat



**Category A**

**Composition** 100% recycled polyester FR

**Weight** 420 g/lin.m

**Abrasion resistance** 45.000 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



## Terra



**Category B**

**Composition** 100% Pure New Wool

**Weight** 370 g/m<sup>2</sup> | 10.91 oz/yd<sup>2</sup>

**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

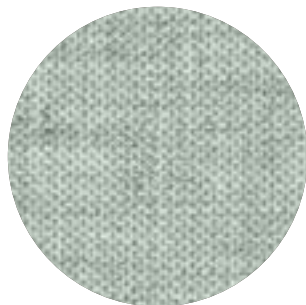
**Fastness to rubbing** EU: Wet 4 | Dry 4

**Fastness to crocking** USA: Wet 4 | Dry 4



## Clara 2

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 11M | 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 2

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**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, 11M  
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

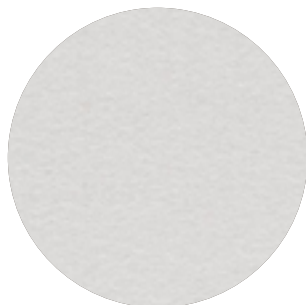
**Fastness to rubbing** (ISO) dry 4-5, wet 4

**Pilling** Note 4, EN ISO 12945



## Hero

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**Category C**

**Composition** 96% new wool, 4% 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 11M | 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

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**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 11M  
US Cal. Bull. 117-2013 | NFPA 260 | IMO A.652 (16)

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

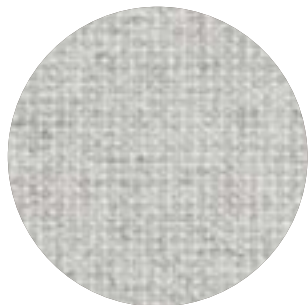
**Fastness to rubbing** (ISO) dry 3-5, wet 3-5

**Pilling** Note 3, EN ISO 12945



## Tonus Meadow

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**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 11M

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

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

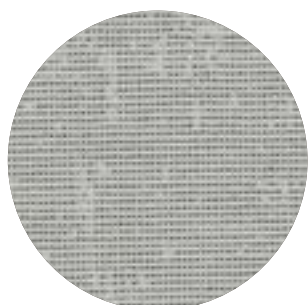
**Fastness to rubbing** (ISO) dry 4-5, wet 4

**Pilling** Note 3, EN ISO 12945



## Memory 2

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 11M

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

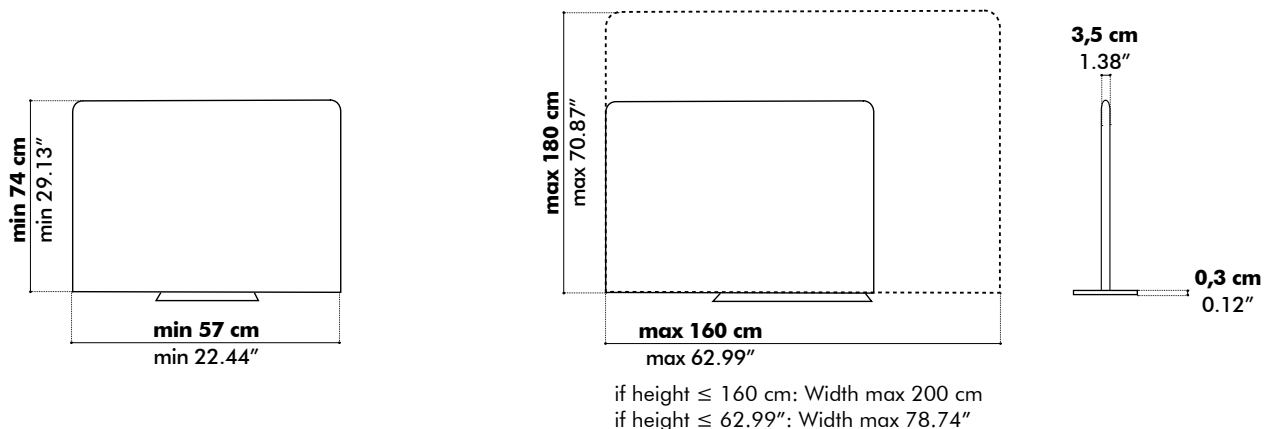
**Pilling** Note 4, EN ISO 12945



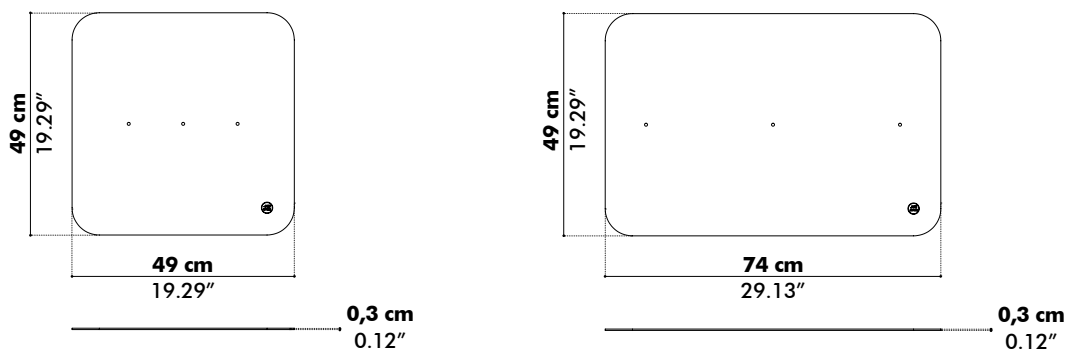


# Dimensions


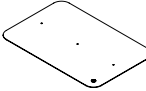


## Panel



## Baseplate



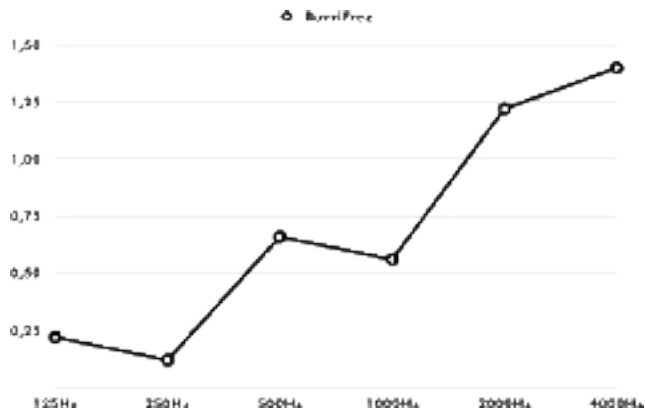
Baseplate depends on size BuzziFree

| Height BuzziFree   | Width BuzziFree  | Baseplate  |
|--|--|--|
| $\geq 74$ and $\geq 160$ cm<br>$\geq 29.13"$ and $\geq 62.99"$ | $\geq 57$ and $\leq 100$ cm<br>$\geq 22.44"$ and $\leq 39.37"$   | 49 x 49 cm<br>19.29" x 19.29"<br> |
|  | $> 100$ cm<br>$> 39.37"$   | 74 x 49 cm<br>29.13" x 19.29"<br> |
| $> 160$ and $\geq 180$ cm<br>$> 62.99"$ and $\geq 70.87"$      | $\geq 57$ cm and $\leq 80$ cm<br>$\geq 22.44"$ and $\leq 31.50"$ | 49 x 49 cm<br>19.29" x 19.29"<br> |
|  | $> 80$ cm<br>$> 31.50"$  | 74 x 49 cm<br>29.13" x 19.29"<br> |

# Acoustics

## BuzziFree

Equivalent sound absorption area in m<sup>2</sup> per object



| Hz   | Aeq/m <sup>2</sup> |
|------|--------------------|
| 125  | 0.22               |
| 250  | 0.12               |
| 500  | 0.66               |
| 1000 | 0.56               |
| 2000 | 1.22               |
| 4000 | 1.40               |