
BuzziReForm

Product Specification Sheet

This document contains technical information about the BuzziReForm



A fully biodegradable mycelium-based acoustic panel

BuzziReForm is a biodegradable acoustic panel system made from mycelium and locally sourced European organic waste. The mycelium is grown within the substrate and molded into panels that provide effective sound absorption.

Each panel displays natural surface variations due to the mycelium growth process, creating a unique appearance while maintaining consistent acoustic performance. Panels are available in a natural soft-touch mycelium finish or coated with eco-friendly mineral paint in a selection of nature-inspired colors. Fully biodegradable and home compostable, BuzziReForm supports circular design and reduced environmental impact.

Design by BuzziSpace Studio

General

-  BuzziReForm
Wall mounted
-  Material: Mycelium bio-composite (100% local organic waste & mycelium)

Acoustics



Absorption



Diffusion



Mid tones



High tones

Content

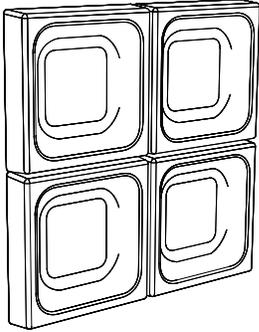
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Configurations

BuzziReForm Brut

Sold exclusively in sets of 4 panels, 1 set = 4 panels in one finish

Example composition



🔑 Brut

🌲 Material: Mycelium bio-composite
(100% local organic waste & mycelium)

✂ W 40 cm H 40 cm D 8 cm
W 15.75" H 15.75" D 3.15"

⚖ 1,3 kg
2.87 lbs

Disclaimer

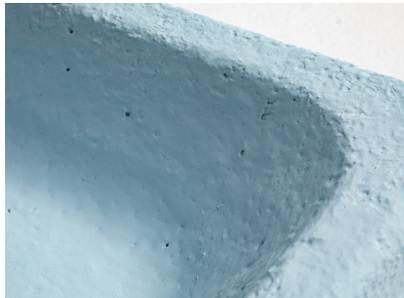
Embrace nature's imperfections

Each BuzziReForm panel captures the organic essence of mycelium production, reflecting the natural variability found in its finished form. As these panels are created from a living, naturally grown material, **they exhibit unique characteristics, including subtle variations in surface texture, dimensions, and color nuances**—each panel tells its own story through the patterns of natural growth.

These variations are not manufacturing defects; instead, they reflect our commitment to sustainable, bio-based design principles. The differences in each panel highlight the authentic, unprocessed beauty of organic materials, reflecting our conscious choice to embrace and celebrate the inherent properties of nature-based resources in our pursuit of sustainable acoustic solutions.



Surface variations



Texture variations

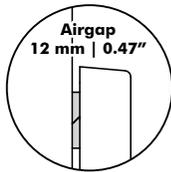
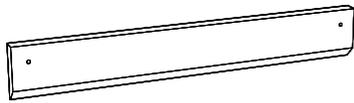


Dimensional variations

Fixing Systems

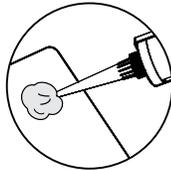
Fixing System Wall (Optional)

Both fixing systems are optional – you can also opt for mounting the panels using commercially available glue. We recommend using Tec7 X-Tack or Soudal Fix All High Tack for the best results.



Fixing System Wood
Adequate for 4 panels/1 set
including:

- 8 wooden brackets (2 per panel)
 - 8 wooden spacers (2 per panel)
 - 16 screws (4 per panel)
- excluding screws for wall



Fixing System Adhesive
Adequate for 12 panels/3 sets

Finishes

Natural

Natural soft-touch finish in the original mycelium color, showcasing natural surface variation.



Coated

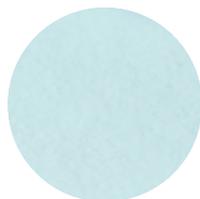
Coated finish with eco-friendly mineral paint, available in four nature-inspired colors. NCS color representations are provided for reference only; actual colors may vary on the finished panels.



Canyon
NCS S 1515-Y60R



Meadow
NCS S 1515-G20Y



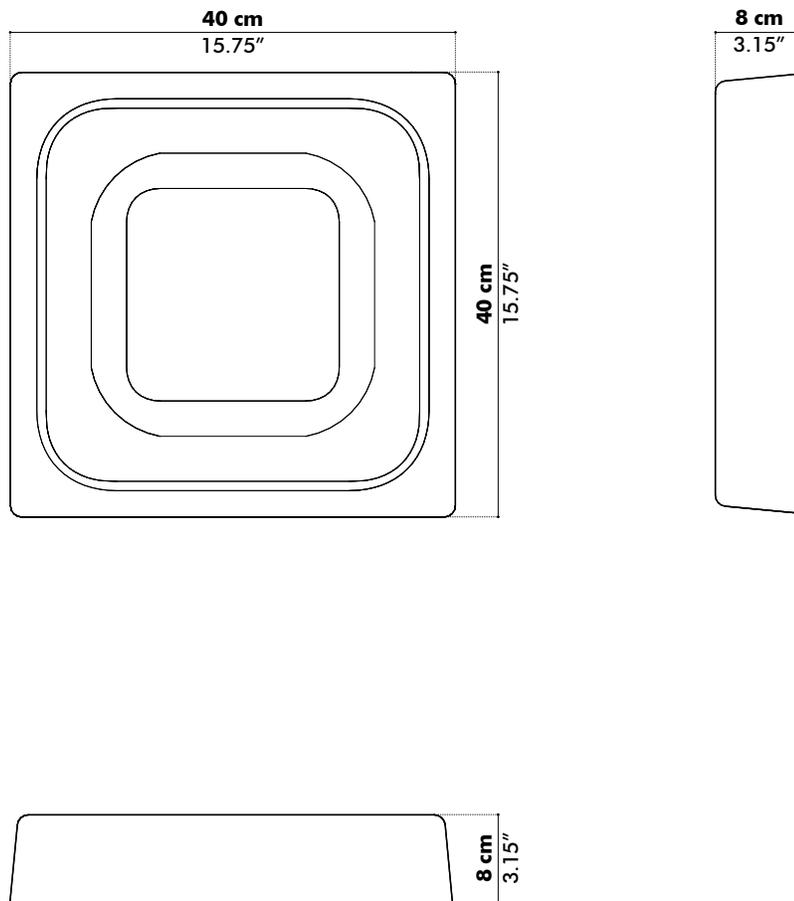
Lagoon
NCS S 1515-B20G



Dune
NCS S 1505-Y20R

Dimensions

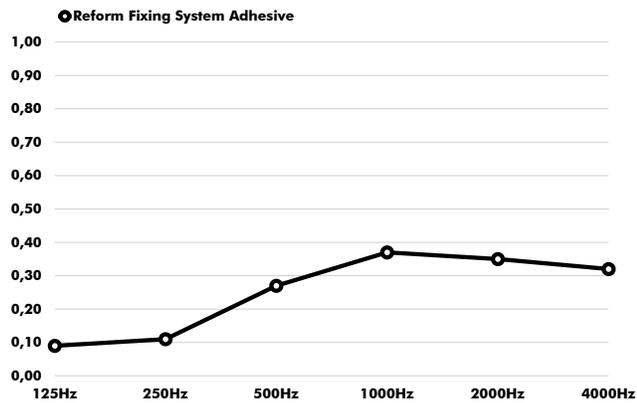
BuzziReForm Brut



Acoustics

BuzziReform Fixing System Adhesive

Absorption coefficient



Hz	α_s
125	0.09
250	0.11
500	0.27
1000	0.37
2000	0.35
4000	0.32

Absorption Values

α_w (ISO 11654) **0.30**

NRC (ASTM - C423) **0.25**

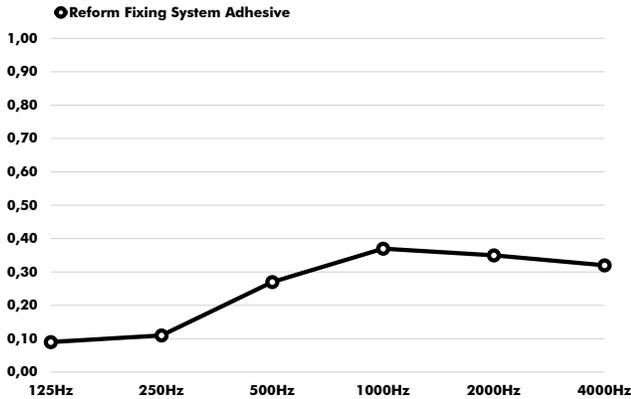
SAA (ASTM-C423) **0.28**

Class (ISO 11654) **D**

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BuzziReform Fixing System Wood

Absorption coefficient



Hz	α_s
125	0.08
250	0.21
500	0.38
1000	0.30
2000	0.38
4000	0.34

Absorption Values

α_w (ISO 11654) **0.40**

NRC (ASTM - C423) **0.30**

SAA (ASTM-C423) **0.31**

Class (ISO 11654) **D**

Glossary

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

Definitions

α	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