

BuzziResoFuser

The BuzziResoFuser is an acoustic module that chiefly absorbs sound within the spectrum of the speech range. The BuzziResoFuser system is designed to improve the audibility of speech in an enclosed space. Combined with BuzziTile 3D, a tasteful wall finish can be created.

The BuzziResoFuser operates on the basis of the quarter wavelength system. This means that the BuzziResoFuser has to be able to 'breathe' and must therefore always be installed 'alternately'. In this way, the apertures remain visible at all times. By creating a draughtboard pattern, the tops and bottoms of the BuzziResoFusers remain open. The BuzziResoFuser is attached to the wall with a hook batten.

The operating frequency of the BuzziResoFuser is adjustable. By changing the position of the partitions in the grooves at the back of the BuzziResoFuser, it is possible to absorb frequencies efficiently. This can be done by placing three partitions at the same level or at differing heights. To determine which frequencies have to be absorbed in the room, a reverberation time measurement has to be taken. The frequencies that remain in the room for longer periods have to be absorbed. The frequencies can be read on the back of the BuzziResoFuser. These frequencies have a specific bandwidth, which means that a frequency can always be chosen that is close to the problem frequency measured in the room.

Fitting two BuzziResoFusers together creates a longer cavity and even lower tones can be absorbed. The important thing here is that the apertures of the BuzziResoFusers are open.

Design by BuzziSpace Labs



more pictures? [click here](#)



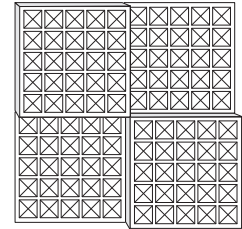
BuzziResoFuser | Content

COMPOSITION

- wood: black MDF
- lacquered: white | black

USE

- in combination with BuzziTile 3D with back in Felt or BuzziBrickBack (not mounted onto BuzziResoFuser yet)
- for optimal acoustic result: always combine:
 - 2 BuzziResoFuser + BuzziTile 3D, with 2 BuzziTile 3D
 - 2 BuzziResoFuser + BuzziBrickBack, with 2 BuzziBrickBack
- incl. 3 slides per BuzziResoFuser
- 2 pc of fixing system incl. per BuzziResoFuser
- no screws incl.

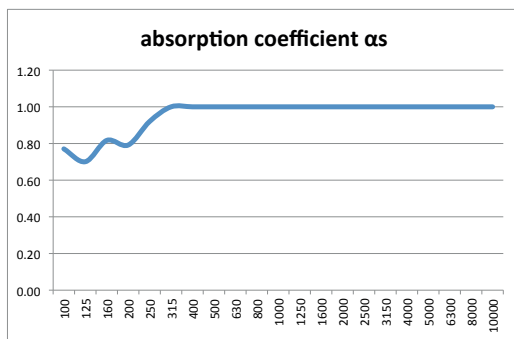


OPTIONS

- BuzziBrickBack or BuzziTile 3D, L with back in felt
- white lacquered or black lacquered

BuzziResoFuser | Ratings

- Flammability: /
- Acoustic:



Hz	α_s
125	0.76
250	0.96
500	1.00
1000	1.00
2000	1.00
4000	1.00

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

NRC **1.00** Noise Reduction Coefficient
 Class **A**

SAA **0.98** Sound Absorption Average
 α_w **1.00**

BuzziResoFuser | Useful Links



Price List



Warranty



Install. instructions



2D DWG



3D Sketchup



Movie

Questions? Don't hesitate to contact your local agent or distributor



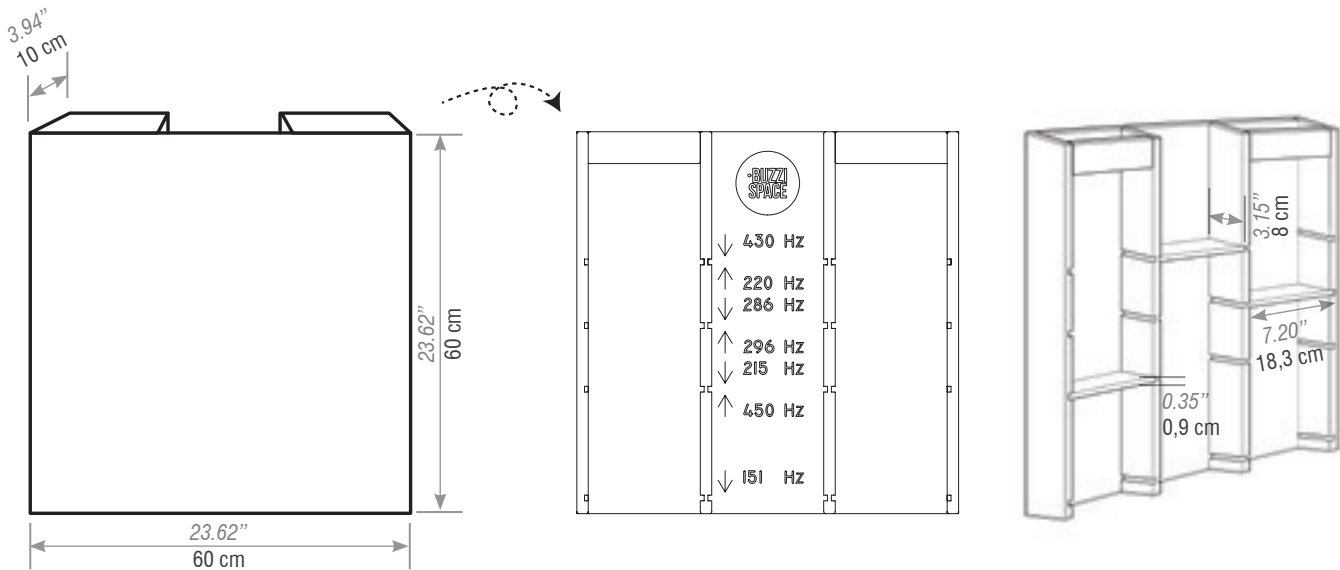
BuzziResoFuser | Dimensions & Weight

Size:
 1 BuzziResofuser: 60 x 60 x 10 cm
 (3 slides + fixing system incl.) 23.62 x 23.62 x 3.94 inch

Weight:
 net-netto: 9 kg
 net-netto: 19.84 lbs

Content:	Product	+ Packaging	= Total Weight
• BUZZIRESOFUSER PACKAGE with TILE			
= 2 BuzziResofusers + 4 BuzziTile 3D			
= 3 boxes			
• BOX 1 = ResoFuser + BuzziTile 3D 63,5 x 63,5 x 13,5 cm 25 x 25 x 5.31 inch	11 kg 24.25 lbs	+ 1 kg 2.20 lbs	= 12 kg 26.46 lbs
• BOX 2 = ResoFuser + BuzziTile 3D 63,5 x 63,5 x 13,5 cm 25 x 25 x 5.31 inch	11 kg 24.25 lbs	+ 1 kg 2.20 lbs	= 12 kg 26.46 lbs
• BOX 3 = 2x BuzziTile 3D 67 x 67 x 7,5 cm 26.38 x 26.38 x 2.95 inch	2,5 kg 5.51 lbs	+ 1 kg 2.20 lbs	= 3,5 kg 7.72 lbs

• BUZZIRESOFUSER PACKAGE with BRICKBACK			
= 2 BuzziResofusers + 4 BuzziBrickBack			
= 2 boxes			
• BOX 1 = ResoFuser + 2x BuzziBrickBack 63,5 x 63,5 x 13,5 cm 25 x 25 x 5.31 inch	11 kg 24.25 lbs	+ 1 kg 2.20 lbs	= 12 kg 26.46 lbs
• BOX 2 = ResoFuser + 2x BuzziBrickBack 63,5 x 63,5 x 13,5 cm 25 x 25 x 5.31 inch	11 kg 24.25 lbs	+ 1 kg 2.20 lbs	= 12 kg 26.46 lbs



Fixing System: 2x 16,4 x 1,8 x 4 / 5 cm
 2x 6.46 x 0.71 x 1.57 / 1.97 inch

