BuzziPleat
Product Specification Sheet

This document contains technical information about the BuzziPleat

BUZZI SPACE

www.buzzi.space

A series of architectural solutions by 13&9 Design
The BuzziPleat reinterprets ancient techniques used in fashion design, like smocking and pleating, to create large-scale, yet lightweight sculptural forms, made of sound-absorbing BuzziFelt.
Architectural folds maximize surface area, delivering exceptional acoustic performance.

Design by 13&9 Design

General

BuzziPleat Edel | BuzziPleat Ripple
Fixing: Wall | Suspended

BuzziFelt Pleat
OffWhite or Black lace
Metal support black

Fixation: wall mounted | ceiling suspended
Black or Alu cables 2 - 5 m | 78.74" - 196.85"
Optional extra layer BuzziFabric

Acoustics

Absorption

Diffusion

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Configurations

BuzziPleat Ripple Suspended

M, L

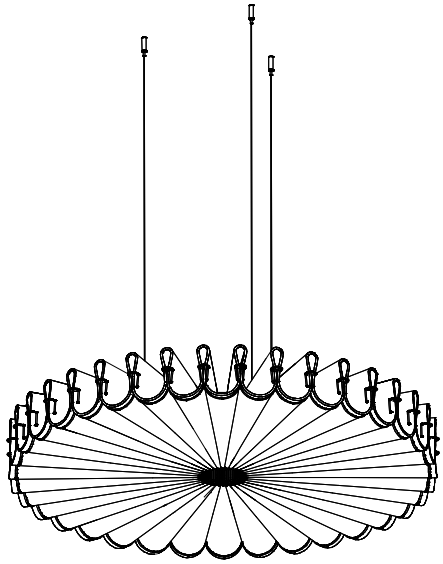
BuzziFelt Pleat
OffWhite or Black lace
Metal Support Black

M: Ø 100 cm H 13 cm
Ø 39.37" H 5.21"
L: Ø 150 cm H 19,5 cm
Ø 59.06" H 7.68"

M: 5,2 kg | 11.46 lbs
L: 10,9 kg | 24.03 lbs

Lace: OffWhite or Black
Optional extra layer BuzziFabric (only in combination with OffWhite or Anthracite Felt)
Black or Alu cables 2 - 5 m | 78.74" - 196.85"

If installing on suspended ceiling, verify load capacity prior to installation.



BuzziPleat Edel Suspended

M, L

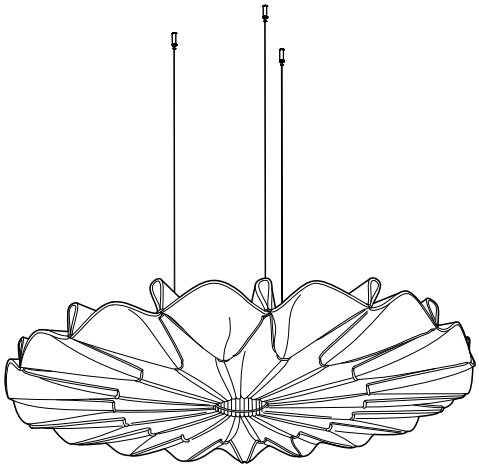
BuzziFelt Pleat
OffWhite or Black lace
Metal support black

M: Ø 100 cm H 9 cm
Ø 39.37″ H 3.54″
L: Ø 150 cm H 13,5 cm
Ø 59.06″ H 5.31″

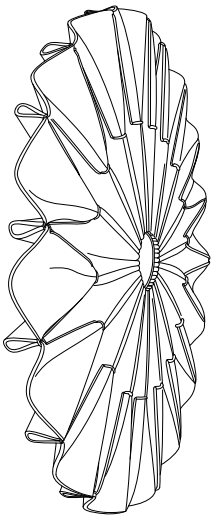
M: 4,2 kg | 9.26 lbs
L: 8,9 kg | 17.62 lbs

Lace: OffWhite or Black
Optional extra layer BuzziFabric (only in combination with OffWhite or Anthracite Felt)
Black or Alu cables 2 - 5 m | 78.74″ - 196.85″

If installing on suspended ceiling, verify load capacity prior to installation.



BuzziPleat Edel Wall Mounted



M, L

BuzziFelt Pleat
OffWhite or Black lace
Metal support black
Central Wooden Support in Ash White Wash or
Ash Black Stained

M: Ø 100 cm H 9 cm
Ø 39.37″ H 3.54″
L: Ø 150 cm H 13.5 cm
Ø 59.06″ H 5.31″

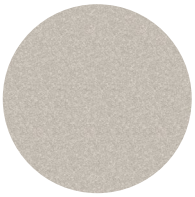
M: 4,7 kg | 10.36 lbs
L: 9,4 kg | 20.72 lbs

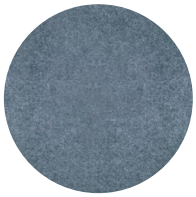
Lace: OffWhite or Black
Optional extra layer BuzziFabric (only in combination with OffWhite or Anthracite Felt)

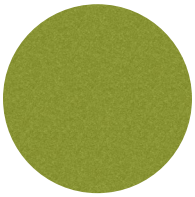
Fabrics

Felt

Composition 100% Recycled P.E.T. Felt, latex backing
Weight 1.000 g/m2 | 29.49 oz/yd2
Abrasion resistance >7.000 Martindale
Flammability EU: EN 13501.1 + A1/2009 Class B-s1,d0
USA: ASTM E84 Class A certified
Fastness to light USA 5


FE-OffWhite 63*

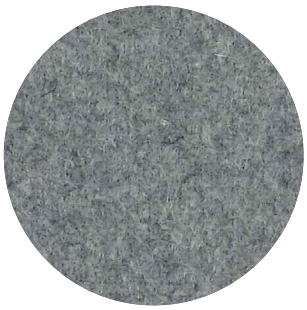

FE-StoneGrey 67


FE-Lime 64

FE-Anthracite 68*

*Extra layer BuzziFabric Possible

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

Finishes

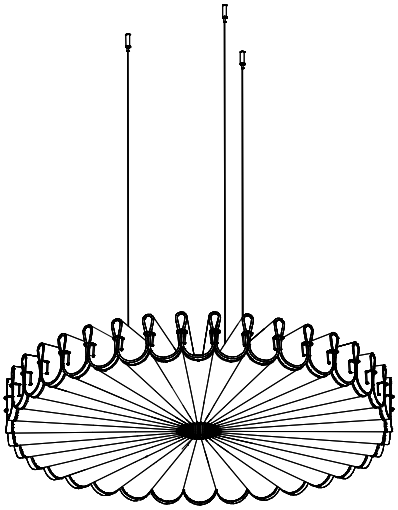
Wood

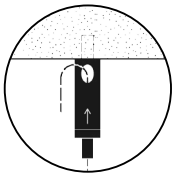
Ash Black Stained

Ash White Wash

Fixing Systems

Fixing System Ceiling Suspended



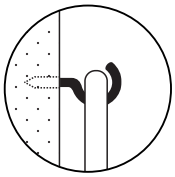


Fixing System Screw

- Black metal support
- 3 cables of 2 - 5 m | 78.74" - 196.85"
- Black or aluminium colored cables

Formations, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Designers and installers are advised to consult a protection engineer, NFPA 13, and their local codes for guidance on the proper installation techniques where detection or suppression systems are present.

Fixing System Wall



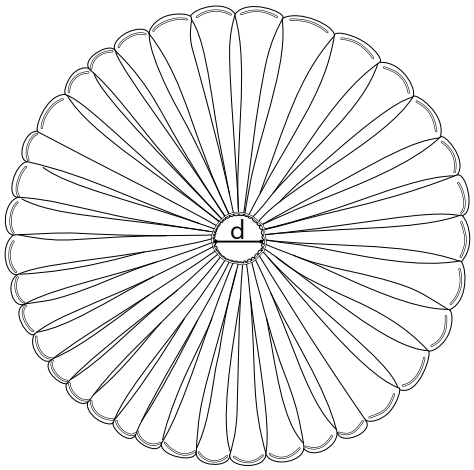
Fixing Sytem Wall

- Black metal support
- Wooden center in Ash Black Stained in combination with Black lace or Ash White Wash in combination with an OffWhite lace
- Excl. mounting hook

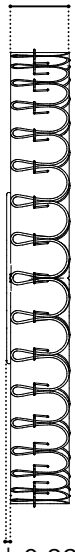
Dimensions

BuzziPleat Ripple

M Ø 100 cm | 39.37″
L Ø 150 cm | 59.06″
d Ø 10 ~ 12 cm | 3.94 ″ ~ 4.72″

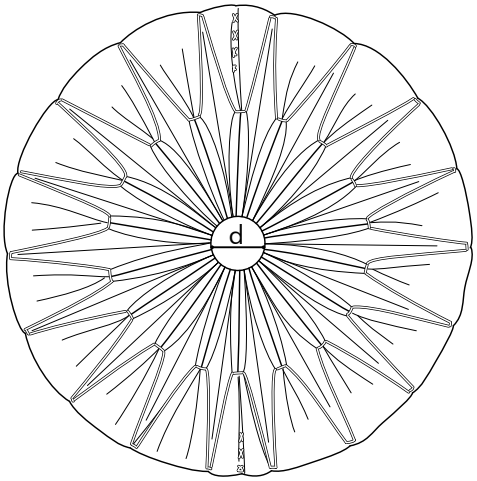


M 13 cm | 5.21″
L 19,5 cm | 7.68″

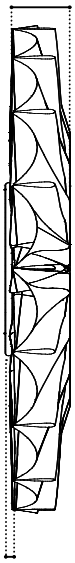


BuzziPleat Edel

M Ø 100 cm | 39.37″
L Ø 150 cm | 59.06″
d Ø 10 ~ 12 cm | 3.94 ″ ~ 4.72″″



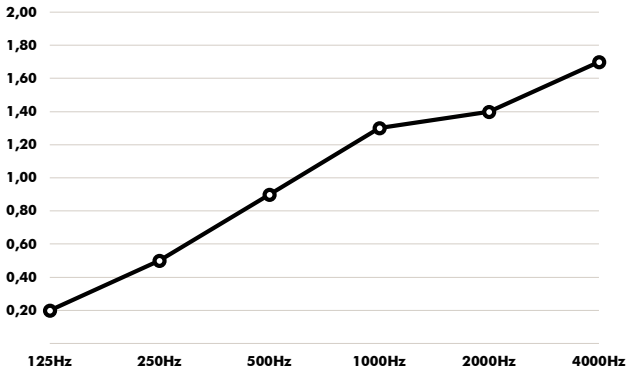
M 9 cm | 3.54″
L 13,5 cm | 5.31″



Acoustics

BuzziPleat Ripple M

Equivalent sound absorption area in m² per object



Hz	M Aeq/m²
125	0.2
250	0.5
500	0.9
1000	1.3
2000	1.4
4000	1.7