texdecor

SOLUTIONS
ACOUSTIQUES

Technical document
SlimBox

Description

Type	Acoustic panel made of compact PET felt
Composition	Decorative surface: PET / 60% recycled plastic bottle content Sound-absorbing non-woven: PES / 65% recycled plastic bottle content
Thickness	Total panel thickness +/- 50 mm Compact felt 9 mm Absorbent non-woven 30 mm
Weight	Decorative surface : 1,9 kg/m² Absorbent non-woven : 0,5 kg/m² Panel: see format specifications
Formats	4 dimensions / square, rectangular
Color options	SlimColor color chart
Installation	Wall & ceiling installation
Fixing	Wall – magnets / Ceiling – cables or rails
Maintenance	Vacuum cleaner / damp cloth / double-sided tape

Regulations – Environment

Fire resistance	B s2 d0	EN 13501-1
Lightfastness	4 /7 grey scale	NF EN ISO 105-N01
Bleach fastness:	5/5 grey scale	NF EN ISO 105-B02
Certification	Oeko-Tex	
Recycled content	62% recycled plastic bottle content	
Acoustic absorption	wall alpha w 0.85 ceiling alpha w 0.90	NF EN ISO354 – NF EN ISO 11654

	αw	NRC
SlimBox wall	**0.85**	**0.85**
SlimBox ceiling	**0.90**	**0.90**

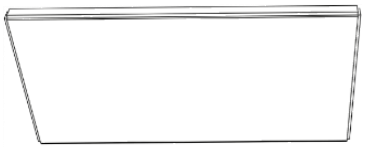
Frequencies (Hz)	125	250	500	1000	2000	4000	AEQ
Absorption area (m²) SlimBox wall 1080x1080 (+30mm cavity)	0.2	0.6	1.1	1.5	1.5	1.5	1,37
Absorption area (m²) SlimBox ceiling 1080x1080 (+ 260mm cavity)	0.5	1.2	1.2	1.4	1.7	1.9	1,43

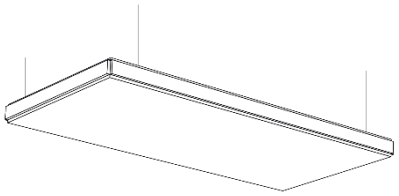
	AEQ wall/mur	AEQ ceiling/plafond
470x1080	0,60	0,62
1080x1080	1,37	1,43
470x2280	1,26	1,31
1080x2280	2,89	3,02

Système de pose

Wall	Mounted with 4 magnets
Islands	Suspended with 4 steel cables, 1 meter each
Baffles	Mounted with 2 steel cables, 1 meter each
Grid	Rail system

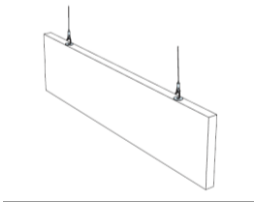
Wall or ceiling island installation





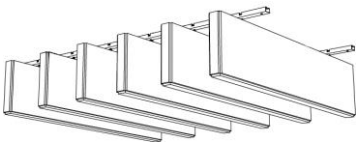
Dimensions (mm)	Fixings	Weight (excluding fixings)
1080x470x50	Wall: 4 magnets / Ceiling: 4 cables	1,52kg
1080x1080x50	Wall: 4 magnets / Ceiling: 4 cables	3,20kg
2280x470x50	Wall: 4 magnets / Ceiling: 4 cables	4,75kg
2280x1080x50	Wall: 4 magnets / Ceiling: 4 cables	13,55kg

Single baffle installation



Dimensions (mm)	Fixings	Weight (excluding fixings)
1140x280x50	2 cables	1,80kg
1140x580x50	2 cables	3,55kg
2360x280x50	2 cables	3,50kg
2360x580x50	2 cables	7,05kg

Grid baffle on Rails



Suspended by 2 white or black lacquered rails, 1470 mm long, connectable

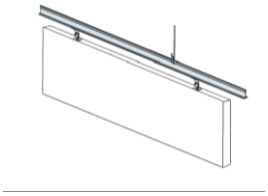
Grid of 6 SlimBox Panels

Dimensions (mm)	Fixings	Weight (excluding fixings)
1140x280x50	2 rails of 1470 mm	10,80kg
2360x280x50	2 rails of 1470 mm	21,00kg

Grid of 3 SlimBox Panels

Dimensions (mm)	Fixings	Weight (excluding fixings)
1140x580x50	2 rails of 1470 mm	10,70kg
2360x580x50	2 rails of 1470 mm	21,20kg

Installation on T24 grid Rail (not included)



Dimensions (mm)	Fixings	Weight (excluding fixings)
1140x280x50	Clip 3 on T rail	1,80kg
1140x580x50	Clip 3 on T rail	3,55kg
2360x280x50	Clip 3 on T rail	3,50kg
2360x580x50	Clip 3 on T rail	7,05kg