

Parafon® Exclusive



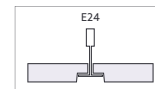
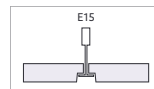
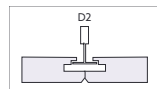
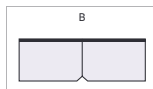
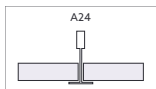
Parafon Exclusive is an exclusive acoustic tile with numerous variation options for suspended ceilings with stringent aesthetic requirements. With a surface made of high-quality coloured glass-fibre felt, with high light reflection and low gloss, it is well suited to all indoor environments and also to solutions with indirect lighting.

Product Description

Facing material: Extra white pre painted glass fiber surface layer. Backside thin glass fiber tissue.

Treatment of edges: Depending on edge type- from thin spray painted to fully painted edges

Edges & Dimensions



Thickness	Width x Length (modular size)	Weight kg/m ²	Min. suspension height for dismantling
A24			
18	600 x 600 mm	1,4	90
	600 x 1200 mm		
	600 x 1800 mm		
	1200 x 1200 mm		
25	600 x 2400 mm	1,8	110
40	600 x 600 mm	2,8	160
	600 x 1200 mm		
B			
18	600 x 600 mm	2,5	Not demountable
40		5,6	
D2			
25	600 x 600 mm	3,5	70
	600 x 1200 mm		
E15			
18	600 x 600 mm	1,8	90
40		4,0	170
E24			
18	600 x 600 mm	1,8	90
	600 x 1200 mm		
	600 x 1800 mm (Edge A in short sides)		
	600 x 2400 mm (Edge A in short sides)		
	1200 x 1200 mm		
40	600 x 600 mm	4,0	170
	600 x 1200 mm		

Performances

Reaction to fire



A2-s1,d0

According to: EN 13964:2014 (EN 13501-1)

Fire resistance



The fire performance of mineral wool does not deteriorate with time. The Euroclass classification of product is related to the organic content, which cannot increase with time.

Cleaning



Using a soft brush, by vacuum cleaning or by wiping with a damp cloth or sponge.

Humidity and sag resistance



May be used continuously in 95 % relative humidity at a temperature of 30 °C, occasionally also at 100 % and 40 °C

Visual appearance



Gloss factor: ~ 2

Light reflectance



~ 85%

Colours



White, NCS S 0500-N

Colour codes show the nearest NCS value

Environment & sustainability



May be used as thermal insulation or taken to a dump. No restrictions.

Indoor environment



M1

According to: Finnish classification

Installation



Installation with T24 suspension system. For edge type B and C, mounting directly to the substrate by gluing or with fixing brackets.



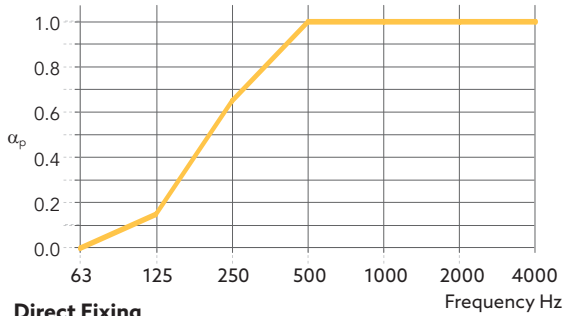
Sound absorption



The sound absorption has been measured according to ISO 354. The absorption values and classes are calculated according to ISO 11654. NRC according to ASTM C 423.

Edges: A, 40 mm,
Direct Fixing

Practical absorption factor α_p



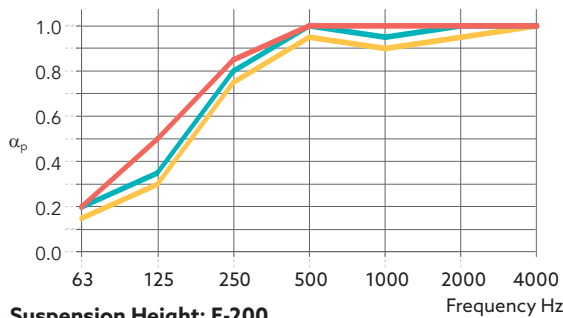
Direct Fixing

Thickness: 40 mm Absorption Class: A

Thickness:	Frequency Hz							α_w	Absorption Class:	NRC
	63	125	250	500	1000	2000	4000			
40 mm	0.00	0.15	0.65	1.00	1.00	1.00	1.00	0.95	A	1.00

Edges: A, 18 mm, 25 mm, 40 mm,
Suspension Height: E-200

Practical absorption factor α_p



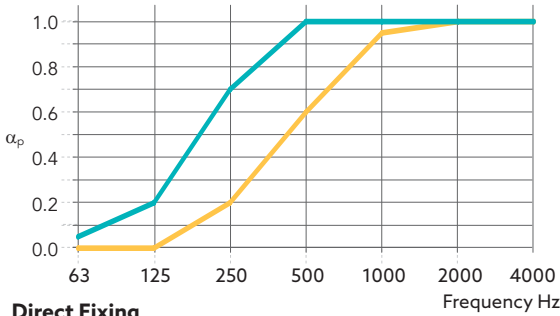
Suspension Height: E-200

Thickness: 18 mm Absorption Class: A
 Thickness: 25 mm Absorption Class: A
 Thickness: 40 mm Absorption Class: A

Thickness:	Frequency Hz							α_w	Absorption Class:	NRC
	63	125	250	500	1000	2000	4000			
18 mm	0.15	0.30	0.75	0.95	0.90	0.95	1.00	0.95	A	0.90
25 mm	0.20	0.35	0.80	1.00	0.95	1.00	1.00	1.00	A	0.95
40 mm	0.20	0.50	0.85	1.00	1.00	1.00	1.00	1.00	A	1.00

Edges: B, 18 mm, 40 mm,
Direct Fixing

Practical absorption factor α_p



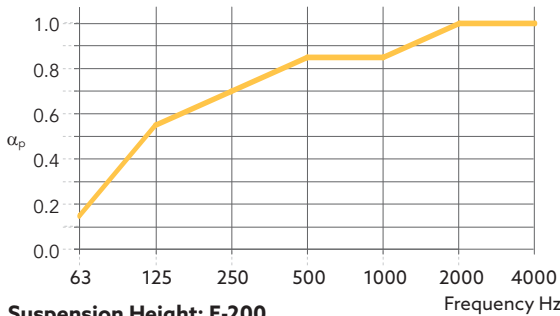
Direct Fixing

Thickness: 18 mm Absorption Class: D —
 Thickness: 40 mm Absorption Class: A —

Thickness:	Frequency Hz							α_w	Absorption Class:	NRC
	63	125	250	500	1000	2000	4000			
18 mm	0.00	0.00	0.20	0.60	0.95	1.00	1.00	0.50(MH)	D	0.65
40 mm	0.05	0.20	0.70	1.00	1.00	1.00	1.00	1.00	A	0.95

Edges: D2, 25 mm,
Suspension Height: E-200

Practical absorption factor α_p



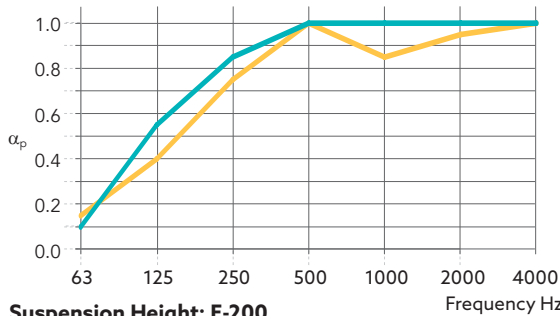
Suspension Height: E-200

Thickness: 25 mm Absorption Class: A —

Thickness:	Frequency Hz							α_w	Absorption Class:	NRC
	63	125	250	500	1000	2000	4000			
25 mm	0.15	0.55	0.70	0.85	0.85	1.00	1.00	0.90	A	

Edges: E, 18 mm, 40 mm,
Suspension Height: E-200

Practical absorption factor α_p



Suspension Height: E-200

Thickness: 18 mm Absorption Class: A —
 Thickness: 40 mm Absorption Class: A —

Thickness:	Frequency Hz							α_w	Absorption Class:	NRC
	63	125	250	500	1000	2000	4000			
18 mm	0.15	0.40	0.75	1.00	0.85	0.95	1.00	0.95	A	0.90
40 mm	0.10	0.55	0.85	1.00	1.00	1.00	1.00	1.00	A	0.95

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