

Parafon® Palette



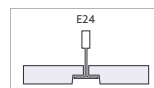
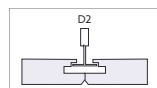
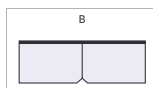
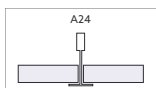
Parafon Palette is a painted acoustic tiles for creative suspended ceiling solutions. Supplied in any NCS colour and with a variety of edge configurations for installation in a grid system or directly against a ceiling.

Product Description

Facing material: Painted glass fiber tissue. Backside: thin glass fiber tissue.

Treatment of edges: Depending on edge type - from sealed to more covering spraypainted edges.

Edges & Dimensions



Thickness	Width x Length (modular size)	Weight kg/m ²	Min. suspension height for dismounting
A24			
18	600 x 600 mm	1,4	90
	600 x 1200 mm		
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		
E24			
18	600 x 600 mm	1,8	90

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: Colour dependent

Light reflectance



Colour dependent

Colours



According to choice

Environment & sustainability



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

Indoor environment



M1

According to: Finnish classification

Installation



Installation in suspension system. For edge type B, mounting directly to the substrate by gluing.



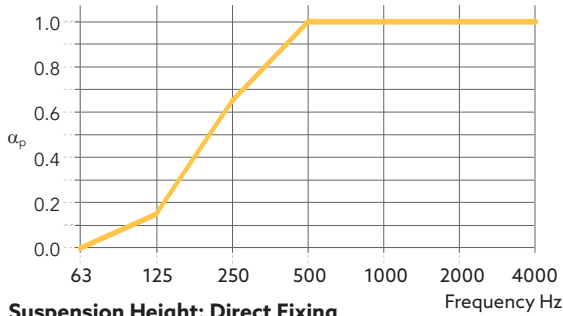
Sound absorption



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,
Suspension Height: Direct Fixing

Practical absorption factor α_p



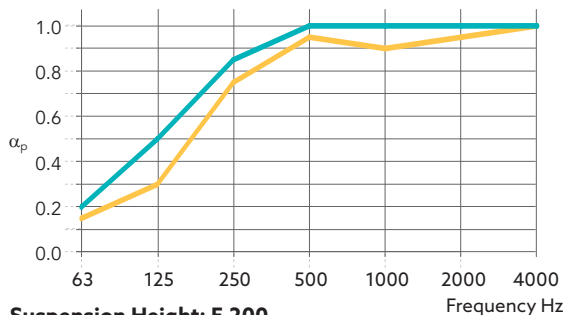
Suspension Height: Direct Fixing

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, 40 mm,
Suspension Height: E-200

Practical absorption factor α_p



Suspension Height: E-200

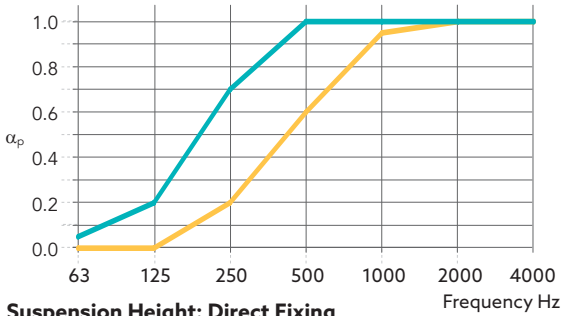
Thickness: 18 mm Absorption Class: A

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	0.30	0.75	0.95	0.90	0.95	1.00	0.95	A	0.90
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,
Suspension Height: Direct Fixing

Practical absorption factor α_p



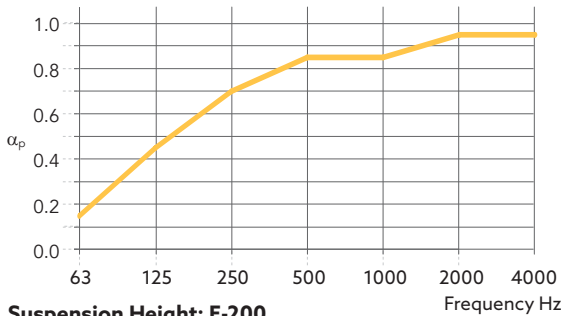
Suspension Height: Direct Fixing

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



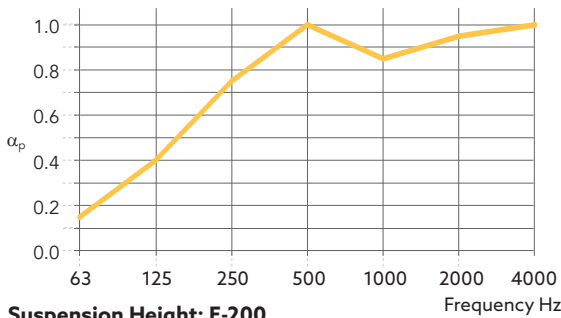
Suspension Height: E-200

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	0.45	0.70	0.85	0.85	0.95	0.95	0.90	A	-

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

Practical absorption factor α_p



Suspension Height: E-200

Thickness: 18 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

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