

Parafon® Step



Parafon Step is an acoustic absorber that offers expansive opportunities to create attractive and unique interiors. The Parafon Step concept, has sound absorbers in different formats and thicknesses. This creates varied height levels in the ceiling, mounted so as to create different patterns. Parafon Step Direct, edge A is glued to the substrate while Parafon Step for Grids, edge "Step E15" is mounted in a suspended T-15 grid system, which is painted in the same colour as the absorbers.

Product Description

Facing material: Painted glass fiber tissue.

Backside: Thin glass fiber tissue.

Treatment of edges: Spray painted edges with visible wool structure especially using light colours.

Edges & Dimensions



Thickness	Width x Length (modular size)	Weight kg/m ²	Min. suspension height for demounting
Step A			
33	300 x 600 mm (fixed size)	3,3	Not demountable
	600 x 600 mm (fixed size)		
	300 x 1200 mm (fixed size)		
40	300 x 600 mm (fixed size)	4,0	
	600 x 600 mm (fixed size)		
	300 x 1200 mm (fixed size)		
55	300 x 600 mm (fixed size)	5,5	
	600 x 600 mm (fixed size)		
	300 x 1200 mm (fixed size)		
Step E15			
18	300 x 600 mm	1,8	90
	600 x 600 mm		
	600 x 1200 mm		
34	300 x 600 mm	3,4	165
	600 x 600 mm		
	600 x 1200 mm		
50	300 x 600 mm	5,0	210
	600 x 600 mm		
	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 products is related to the organic content, which cannot increase with time.

Cleaning



May be cleaned 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



Fully recyclable stone wool

Indoor environment



Danish Indoor Climate Labelling class 2.



Installation



Step Direct is glued directly to the substrate, Step for Grids is mounted in T15 suspension system.

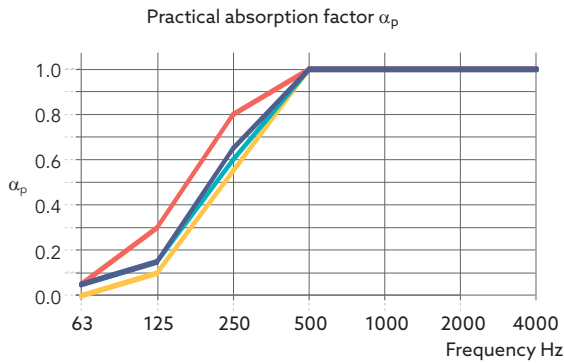
Sound absorption



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.

Parafon Step

Edge Step A: 33 mm, 40 mm, 55 mm, 33/40/55 mm.
Direct Fixing



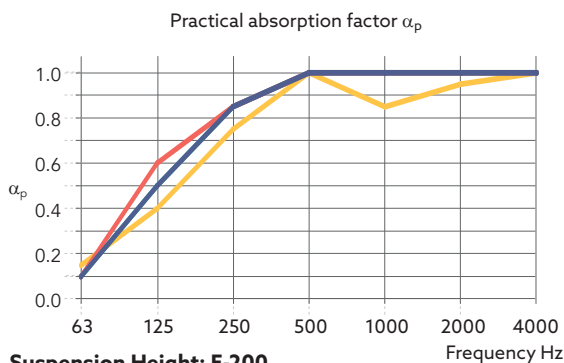
Direct Fixing

Thickness: 33 mm Absorption Class: B —
 Thickness: 40 mm Absorption Class: A —
 Thickness: 55 mm Absorption Class: A —
 Thickness: 33/40/55 mm Absorption Class: A —

Thickness:	Frequency Hz							α_w	Absorption Class:	NRC
	63	125	250	500	1000	2000	4000			
33 mm	0.00	0.10	0.55	1.00	1.00	1.00	1.00	0.85(H)	B	0.90
40 mm	0.05	0.15	0.60	1.00	1.00	1.00	1.00	0.90	A	0.95
55 mm	0.05	0.30	0.80	1.00	1.00	1.00	1.00	1.00	A	1.00
33/40/55 mm	0.05	0.15	0.65	1.00	1.00	1.00	1.00	0.95	A	0.95

Parafon Step

Edge Step E15: 18 mm, 34 mm, 50 mm, 18/34/50 mm.
Suspension Height: E-200



Suspension Height: E-200

Thickness: 18 mm Absorption Class: A —
 Thickness: 34 mm Absorption Class: A —
 Thickness: 50 mm Absorption Class: A —
 Thickness: 18/34/50 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
34 mm	0.10	0.50	0.85	1.00	1.00	1.00	1.00	1.00	A	0.95
50 mm	0.10	0.60	0.85	1.00	1.00	1.00	1.00	1.00	A	1.00
18/34/50 mm	0.10	0.50	0.85	1.00	1.00	1.00	1.00	1.00	A	0.95

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www.parafon.com

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