

## Overview sound absorption performance HeartFelt linear ceilings

### Report: Peutz A 3038-1E-RA-001

Panel type	Joint	Infill	Module	Perforation	NW	Mounting	$\alpha_w$	NRC	Class
Panel 1 40x55	open	-	50	-	-	E200	0.70 (H)	0.7	C
Panel 1 40x55	open	-	80	-	-	E200	0.55 (H)	0.50	D
Panel 1 40x55	open	-	100	-	-	E200	0.45(H)	0.45	D

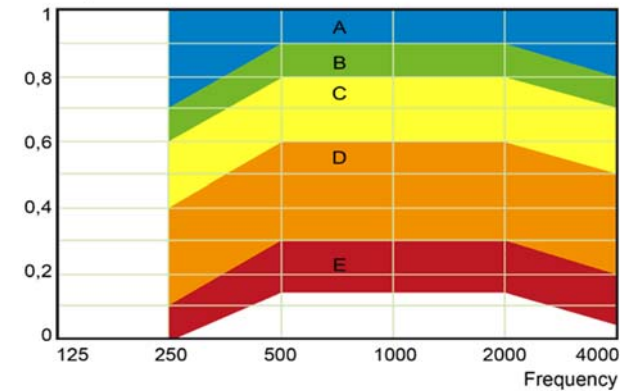
### Report: Peutz A 3211-1E-RA-001

Panel type	Joint	Lay-on pad	Module	Perforation	NW	Mounting	$\alpha_w$	NRC	Class
Panel 1 40x55	open	-	60	-	-	E200	0.65 (H)	0.55	C
Panel 1 40x55	open	-	70	-	-	E200	0.60 (H)	0.50	C
Panel 1 40x55	open	22 mm	70	-	-	E200	1.00	0.95	A
Panel 1 40x55	open	-	80	-	-	E200	0.50 (H)	0.45	D
Panel 1 40x55	open	-	90	-	-	E200	0.45 (H)	0.40	D

### Report: Peutz Preliminary results 2018-09-12

Panel type	Joint	Lay-on pad	Module	Perforation	NW	Mounting	$\alpha_w$	SAA	Class
Panel 1 mix 55/80/105	open	-	80	-	-	E200	0.55 (H)	0.53	D
Panel 1 40x105	open	-	100	-	-	E200	0.50 (H)	0.50	D
Panel 1 40x105	open	-	110	-	-	E200	0.50 (H)	0.48	D
Panel 1 40x105	open	-	120	-	-	E200	0.50 (H)	0.47	D
Panel 1 40x105	open	-	150	-	-	E200	0.45 (H)	0.42	D
Panel 1 40x105	open	-	200	-	-	E200	0.40 (H)	0.38	D
Panel 1 40x80	open	-	80	-	-	E200	0.50 (H)	0.50	D
Panel 1 40x80	open	-	90	-	-	E200	0.45 (H)	0.47	D
Panel 1 40x80	open	-	100	-	-	E200	0.45 (H)	0.45	D
Panel 1 40x80	open	-	150	-	-	E200	0.40 (H)	0.37	D

Absorption coefficient



$\alpha_w$	Sound absorption class
1.00–0.95–0.90	A
0.85–0.80	B
0.75–0.70–0.65–0.60	C
0.55–0.50–0.45–0.40–0.35–0.30	D
0.25–0.20–0.15	E
0.10–0.05–0.00	Not classified