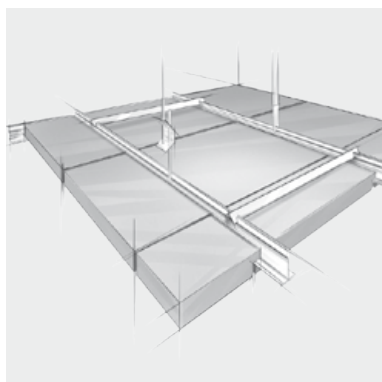
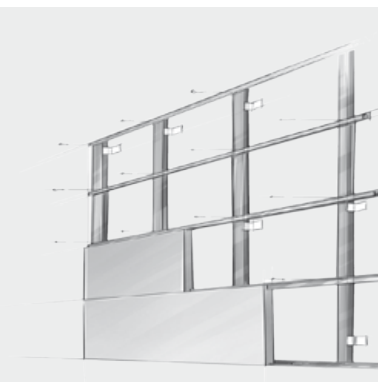
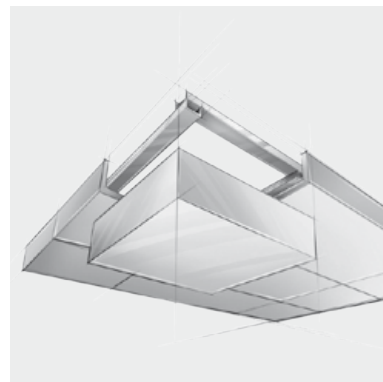
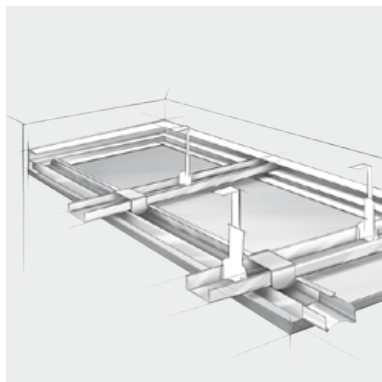
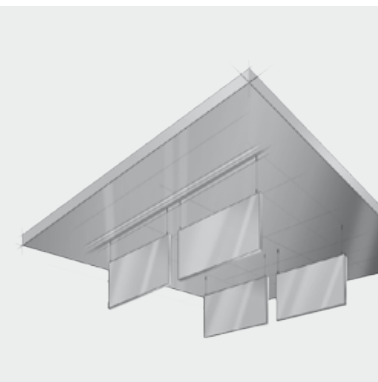


Product data

HERADESIGN® Sonic modular



Product data

HERADESIGN® Sonic modular

Description of Product

HERADESIGN® Sonic modular ceiling rafts have been specially designed for large rooms with individual communication islands. They provide individual acoustic optimisation, which considerably improves speech intelligibility and concentration. However, ceiling rafts are more than simply acoustic solutions: the unique Wood Wool appearance of the surface texture also enables visually appealing and unusual design options.

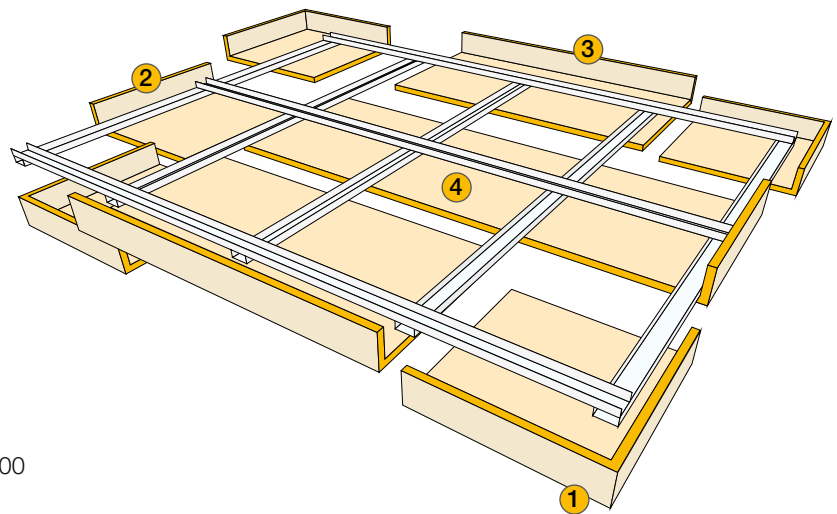
HERADESIGN® Sonic modular ceiling rafts are also highly recommended as an additional sound absorption measure. Thanks to their fast installation, the acoustics and ambience in the room can be optimised without the need to re-install or exchange the entire ceiling. Furthermore, ceiling rafts enable segmentation of areas in the same room, without having to erect dividing walls or partitions. This saves cost and space.

Surfaces: HERADESIGN® superfine
HERADESIGN® superfine A2
HERADESIGN® fine
HERADESIGN® fine A2

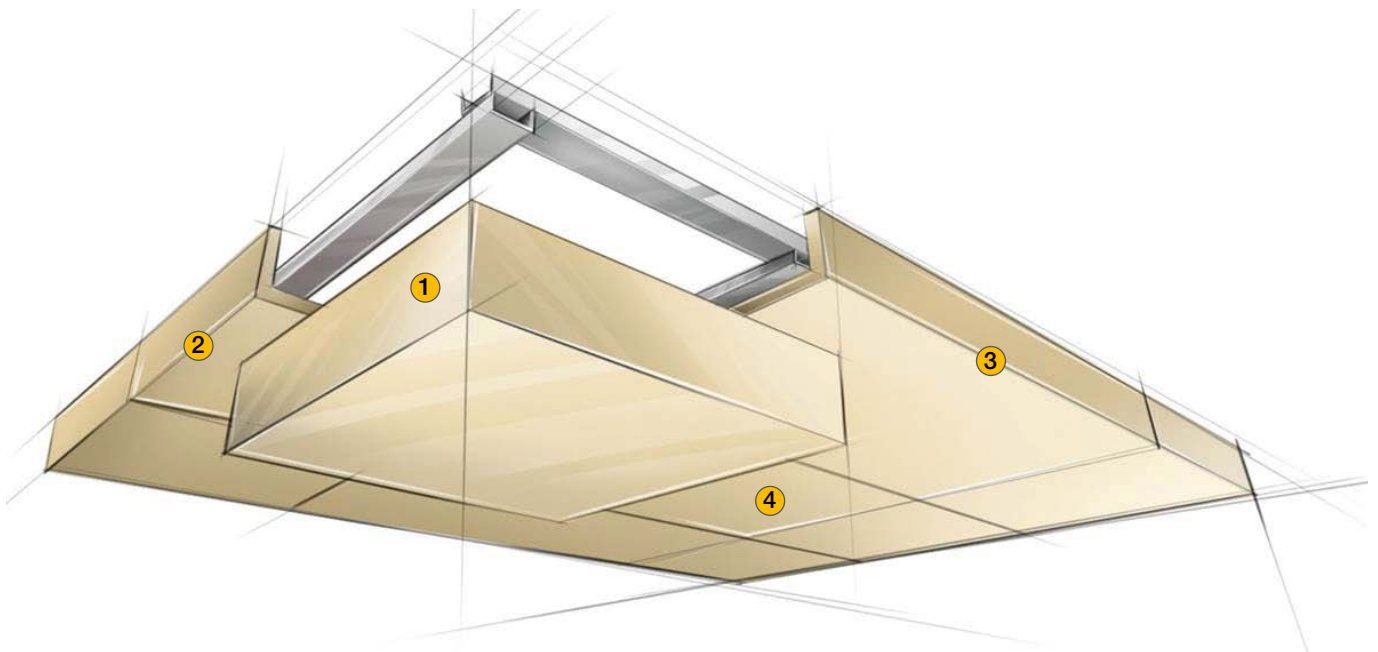
Thickness: 25 mm

Edge design: AK-01

Colours: Standard: -White, similar to RAL 9010
- Natural tone 13 (beige)



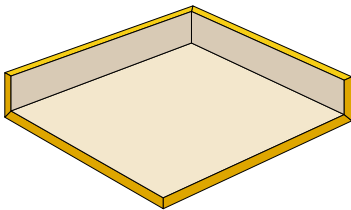
- 1 Corner piece
- 2 Side piece 600
- 3 Side piece 1200
- 4 Standard 600 or 1200



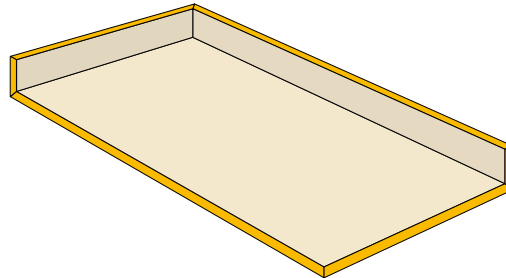
Product data

Product	System component	Format L x W x H [mm]	Thickness [mm]	Edge design	Weight [kg/unit]		
HERADESIGN® superfine	1) Corner piece 600	600 x 600 x 125	25	AK-01	5,8		
	2) Corner piece 1200	1200 x 600 x 125			10,7		
	3) Side piece 600	600 x 600 x 125			4,9		
	4) Side piece 1200	1200 x 600 x 125			9,8		
	5) Standard 600	600 x 600			4,1		
	6) Standard 1200	1200 x 600			8,1		
HERADESIGN® fine	1) Corner piece 600	600 x 600 x 125					6,3
	2) Corner piece 1200	1200 x 600 x 125					11,7
	3) Side piece 600	600 x 600 x 125					5,4
	4) Side piece 1200	1200 x 600 x 125					10,8
	5) Standard 600	600 x 600					4,5
	6) Standard 1200	1200 x 600					8,9

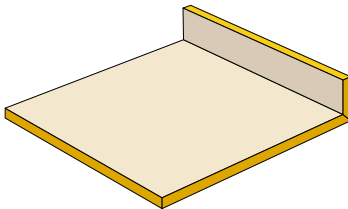
1) Corner piece 600



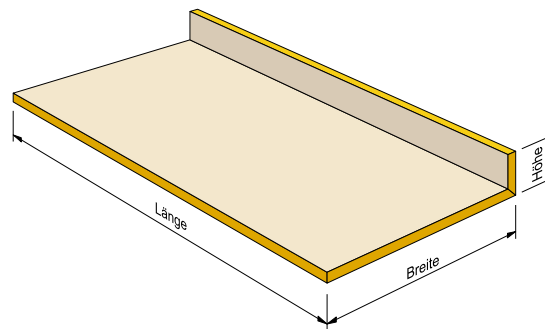
2) Corner piece 1200



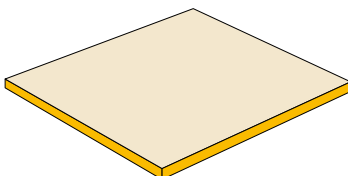
3) Side piece 600



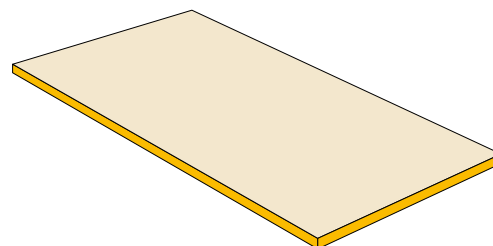
4) Side piece 1200



5) Standard 600



6) Standard 1200



Overview of test reports

Sound absorption values

HERADESIGN® Sonic modular superfine

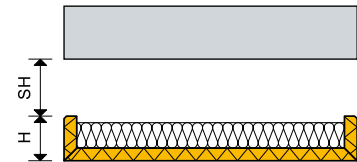
Test specimen					Equivalent absorption area A_0 [m ²]																	entire range		Class							
Panel type + dimensions L x W x H [mm]	Thick-ness [mm]	Suspension height [mm]	HERADESIGN® acoustic lining		Frequencies [Hz], A_0 (third)										Frequencies [Hz], A_0 (octave)					NRC	α_w										
			[mm]	Gross density [kg/m ³]	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500			3150	4000	5000	125	250	500	1000	2000	4000	
Without acoustic lining																															
HERADESIGN® superfine 2400 x 1200 x 125	25	0	0	-	0.40	0.50	0.70	1.00	1.30	1.90	2.40	2.90	3.00	2.80	2.60	2.50	2.40	2.80	3.30	3.50	3.60	3.50	0.50	1.30	2.90	2.60	2.80	3.60	-	-	-
HERADESIGN® superfine 2400 x 1200 x 125	25	100	0	-	0.60	0.70	1.00	1.40	2.00	2.30	2.40	2.40	2.20	2.00	2.58	2.90	3.00	3.40	3.60	3.90	3.90	3.90	0.70	2.00	2.40	2.50	3.40	3.90	-	-	-
HERADESIGN® superfine 2400 x 1200 x 125	25	200	0	-	0.80	0.80	1.30	1.60	2.00	2.10	2.00	1.80	1.80	2.40	2.50	2.90	3.20	3.50	3.80	4.10	4.20	4.00	0.80	2.00	1.80	2.50	3.50	4.20	-	-	-
With acoustic lining																															
HERADESIGN® superfine 2400 x 1200 x 125	25	50	50	50	0.80	1.10	1.80	2.90	3.40	4.00	4.20	4.00	3.70	3.50	3.30	3.20	3.20	3.30	3.40	3.60	3.60	3.40	1.10	3.40	4.00	3.30	3.30	3.60	-	-	-
HERADESIGN® superfine 2400 x 1200 x 125	25	100	50	50	1.10	1.30	2.30	2.90	3.70	3.90	4.40	4.50	4.30	4.10	4.10	4.10	3.90	4.00	4.10	4.30	4.20	4.00	1.30	3.70	4.50	4.10	4.00	4.20	-	-	-
HERADESIGN® superfine 2400 x 1200 x 125	25	200	50	50	1.20	1.40	2.50	2.90	3.70	3.80	4.10	4.30	4.50	4.60	4.40	4.30	4.20	4.30	4.50	4.80	4.80	4.52	1.40	3.70	4.30	4.40	4.30	4.80	-	-	-

HERADESIGN® Sonic modular fine

Test specimen					Equivalent absorption area A_0 [m ²]																	entire range		Class							
Panel type + dimensions L x W x H [mm]	Thick-ness [mm]	Suspension height [mm]	HERADESIGN® acoustic lining		Frequencies [Hz], A_0 (third)										Frequencies [Hz], A_0 (octave)					NRC	α_w										
			[mm]	Gross density [kg/m ³]	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	2500			3150	4000	5000	125	250	500	1000	2000	4000	
Without acoustic lining																															
HERADESIGN® fine 2400 x 1200 x 125	25	0	0	-	0.60	0.60	0.90	1.50	2.10	2.40	2.80	2.90	2.60	2.40	2.20	2.20	2.40	3.00	3.10	3.00	2.80	2.90	0.60	2.10	2.90	2.20	3.00	2.80	-	-	-
HERADESIGN® fine 2400 x 1200 x 125	25	100	0	-	0.70	0.80	1.40	1.80	2.30	2.40	2.40	2.30	2.10	2.10	2.60	2.80	3.10	3.40	3.60	3.60	3.40	3.60	0.80	2.30	2.30	2.60	3.40	3.40	-	-	-
HERADESIGN® fine 2400 x 1200 x 125	25	200	0	-	0.80	1.00	1.60	1.90	2.20	2.20	1.90	1.80	2.00	2.40	2.50	3.00	3.20	3.70	3.90	3.90	3.70	3.90	1.00	2.20	1.80	2.50	3.70	3.70	-	-	-
With acoustic lining																															
HERADESIGN® fine 2400 x 1200 x 125	25	50	50	50	1.10	1.40	2.30	3.50	3.50	3.70	3.40	3.10	2.80	2.60	2.60	2.60	2.70	3.00	3.10	3.00	2.90	3.00	1.40	3.50	3.10	2.60	3.00	2.90	-	-	-
HERADESIGN® fine 2400 x 1200 x 125	25	100	50	50	1.10	1.40	2.50	3.00	3.70	3.80	4.10	4.10	3.70	3.40	3.40	3.50	3.50	3.80	3.90	3.70	3.50	3.70	1.40	3.70	4.10	3.40	3.80	3.50	-	-	-
HERADESIGN® fine 2400 x 1200 x 125	25	200	50	50	1.20	1.50	2.50	2.90	3.60	3.60	3.90	4.00	4.10	3.90	3.70	3.70	3.80	4.10	4.30	4.10	3.90	4.10	1.50	3.60	4.00	3.70	4.10	3.90	-	-	-

SH: Suspension height, lower edge of ceiling to upper edge of side edging

H: Ceiling raft height or height of edging



Ball impact resistant ceiling panelling according to DIN 18 032 / part 3 or EN 13964 Annex D

Construction	Product	Substructure		Center distance support profile	Installation	Fastening
	HERADESIGN® superfine Thickness: 25 mm Format: 1200 x 600	CD sections 60x27x0,6 mm	Double layer	≤ 600 mm	Transverse to substructure	HERADESIGN® screws 9 pcs/panel
	HERADESIGN® fine Thickness: 25 mm Format: 1200 x 600	CD sections 60x27x0,6 mm	Double layer	≤ 600 mm	Transverse to substructure	HERADESIGN® screws 9 pcs/paneel

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