

NEW – Experience pure acoustics

AKUSTIpur

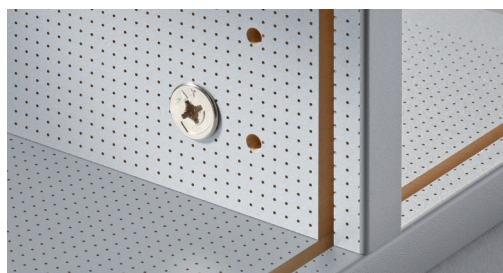
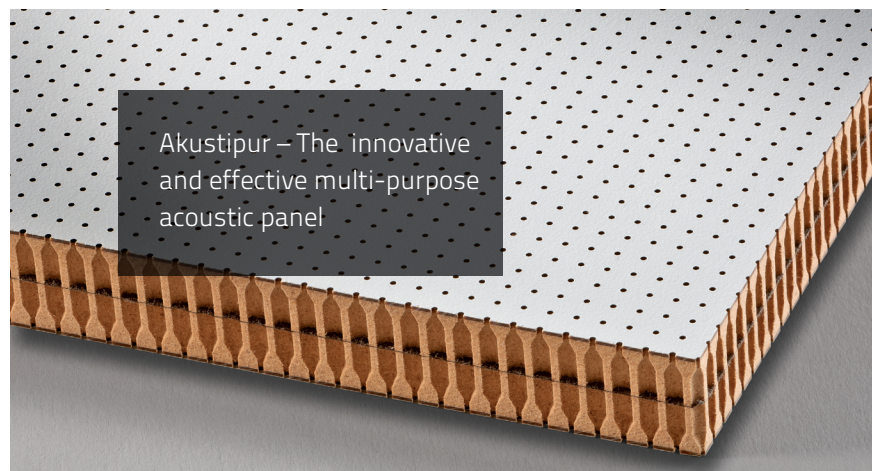
 **WoodWork AG**
4950 Huttwil

A state-of-the-art absorber panel for the furniture industry and interior designers.

Akustipur for uncompromising yet simple design.

What does Akustipur offer?

- + High flexibility in your production process
- + Rapid availability
- + Micro-perforated surface on both sides
- + Both sides acoustically effective
- + Absolutely symmetric design



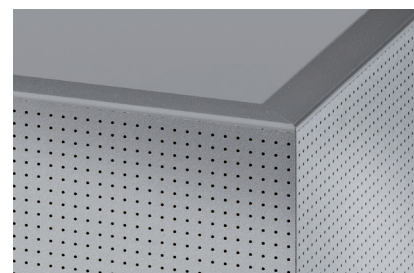
Processing

Simply remove from panel storage, cut to size, edge and paint, if required.



Stability

High stability for dowelling, grooving, screwing, and attaching fittings.



Tailor-made design

Free forming and even mitre gluing.

Use the new possibilities !

Available immediately as:

AKUSTIpur Standard

(large format panel), MDF, veneered

Available as of September 2011 with primer foil or melamine resin coating,

September 2011 is the anticipated availability date for:

AKUSTIpur Fix

(as cut-to-dimension panels with unperforated edge)

Max. dimensions 4080 mm x 1300 mm
Edge width as desired
Available in fire safety classes B2 and B1.

Both sides acoustically effective; symmetric layout prevents warping; fully uncomplicated and simple to process. The micro-perforations provide an attractive, visually calm surface. Akustipur panels can be painted and do not require an additional mounting frame, giving you greater flexibility and quick access during the production process. The perforation layout developed by us with mat core in the panel makes Akustipur ideal for acoustically effective furniture and interior finishing, without requiring special cut sections for hinges, handles, etc. There is no additional space requirement for further acoustic insulating materials or sub-constructions. Particularly high absorption values in nearly all frequency ranges.

BVS is your competent partner for production and job handling.
Contact us at +49 (0) 5246 8929



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Panel thickness = 420 mm **without** additional insulation
(20 mm material thickness + 400 mm air gap)

Product	1 / 8	1 / 6.4	1 / 5.33	1 / 4.57	1 / 4	1 / 3.55
Frequency (Hz)	α_s	α_s	α_s	α_s	α_s	α_s
100	0.35	0.41	0.38	0.38	0.36	0.38
125	0.41	0.52	0.43	0.72	0.67	0.72
160	0.42	0.48	0.43	0.61	0.60	0.61
200	0.42	0.52	0.44	0.70	0.69	0.70
250	0.46	0.54	0.46	0.64	0.64	0.64
315	0.48	0.59	0.48	0.79	0.78	0.79
400	0.43	0.56	0.46	0.69	0.67	0.69
500	0.49	0.61	0.53	0.68	0.66	0.68
630	0.52	0.66	0.59	0.77	0.77	0.77
800	0.50	0.65	0.62	0.77	0.79	0.77
1000	0.49	0.65	0.69	0.84	0.83	0.84
1250	0.49	0.68	0.76	0.89	0.87	0.89
1600	0.53	0.68	0.84	0.90	0.92	0.90
2000	0.57	0.73	0.94	0.97	0.99	0.97
2500	0.59	0.73	0.91	1.01	1.01	1.01
3150	0.57	0.69	0.83	0.96	0.96	0.96
4000	0.44	0.51	0.64	0.78	0.77	0.78
5000	0.35	0.43	0.49	0.61	0.62	0.60
alpha w	0.55	0.65	0.65	0.80	0.80	0.80
	Class D	Class C	Class C	Class B	Class B	Class B

Panel thickness = 190 mm **without** additional insulation
(20 mm material thickness + 170 mm air gap)

Product	1 / 8	1 / 6.4	1 / 5.33	1 / 4.57	1 / 4	1 / 3.55
Frequency (Hz)	α_s	α_s	α_s	α_s	α_s	α_s
100	0.22	0.21	0.23	0.20	0.20	0.21
125	0.29	0.30	0.31	0.25	0.22	0.20
160	0.41	0.40	0.40	0.37	0.34	0.35
200	0.46	0.55	0.47	0.62	0.63	0.64
250	0.45	0.56	0.47	0.65	0.68	0.70
315	0.49	0.60	0.49	0.72	0.78	0.79
400	0.51	0.64	0.53	0.76	0.83	0.86
500	0.53	0.66	0.57	0.83	0.91	0.95
630	0.53	0.68	0.62	0.83	0.89	0.93
800	0.51	0.66	0.66	0.82	0.83	0.85
1000	0.49	0.65	0.67	0.76	0.77	0.78
1250	0.50	0.65	0.73	0.81	0.81	0.80
1600	0.51	0.67	0.80	0.86	0.88	0.88
2000	0.52	0.67	0.83	0.86	0.88	0.86
2500	0.57	0.72	0.89	0.92	0.98	0.94
3150	0.51	0.63	0.76	0.84	0.90	0.94
4000	0.37	0.47	0.58	0.64	0.68	0.77
5000	0.23	0.33	0.40	0.45	0.48	0.57
alpha w	0.50	0.65	0.65	0.80	0.80	0.85
	Class D	Class C	Class C	Class B	Class B	Class B

Panel thickness = 70 mm

without additional insulation
(20 mm material thickness + 50 mm air gap)

Product	1 / 3.55
Frequency (Hz)	α_s
100	0.06
125	0.09
160	0.18
200	0.32
250	0.42
315	0.50
400	0.76
500	0.87
630	0.98
800	1.01
1000	0.97
1250	0.98
1600	0.90
2000	0.87
2500	0.94
3150	0.96
4000	0.73
5000	0.58
alpha w	0.70
	Class C