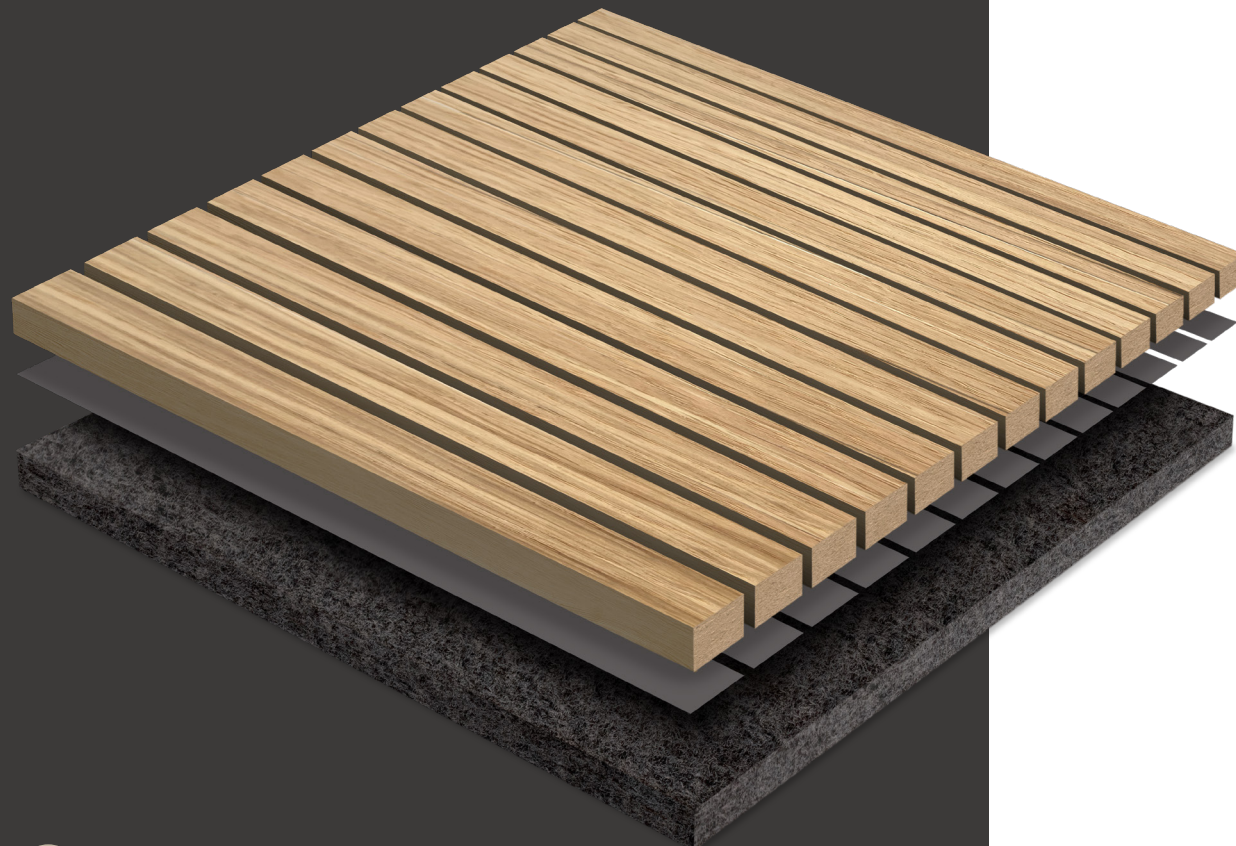


INOIS® TS sl

Acoustic board

The INOIS® TS sl (slim) is a slight modification of our INOIS® TS and impresses with its narrower slit slats.



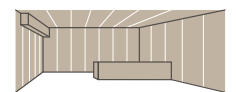
sound-absorbing



digital printing possible



flame-resistant core board possible



Especially suitable for
walls; furniture; shop fitting and exhibition stands

INOIS® TS sl Acoustic board

	Recommended configuration	Individualisation
CORE BOARD		
Core board:	MDF E0.5 (je nach Kombination) mit Gegenzugpapier	MDF MR/ FR/ NAF
Core board thickness:	Total strength approx. 23 mm (incl. veneer)	
FORMATS		
Formats:	3000 x 576 mm	2780 x 576 mm, 2400 x 576 mm
VENEER GLUING		
Veneer gluing:	D3 (NAF) according to EN 204	D4 according to EN 204
VISIBLE SIDE		
Veneer:	European oak	140 wood species see www.europiac.com/customisation
Quality:	A-First Quality	A-Pattern matching 5*, A, B, C: see www.europiac.com/customisation
Grading:	Half-crown cut	2 further grading types: see www.europiac.com/customisation
Bonding method:	Random matched SMOOTH	6 further bonding methods see www.europiac.com/customisation
Veneer thickness:	approx. 0,6 mm	hardwoods approx. 0,6 mm, softwoods approx. 0,9 mm
Surface finishing:	Natural hard wax	5 further surface finishes: see www.europiac.com/customisation
Edge processing:	slightly broken	
Slats:	12 mm MDF black	12 mm MDF nature
Slats width:	20 mm, distance 4 mm	
REVERSE SIDE		
Reverse side:	Fleece 10 mm black (flame retardant B-s1, d0 possible)	fleece grey

CERTIFICATES

FSC® / PEFC / E1 / E0.5: Certificate depending on the product version

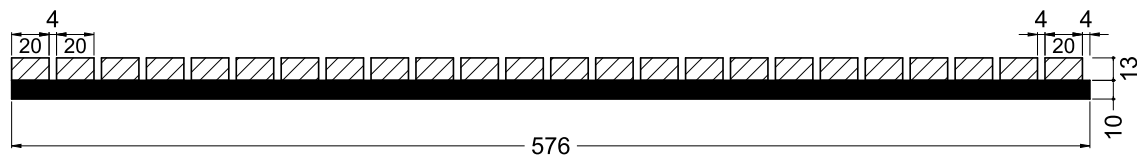
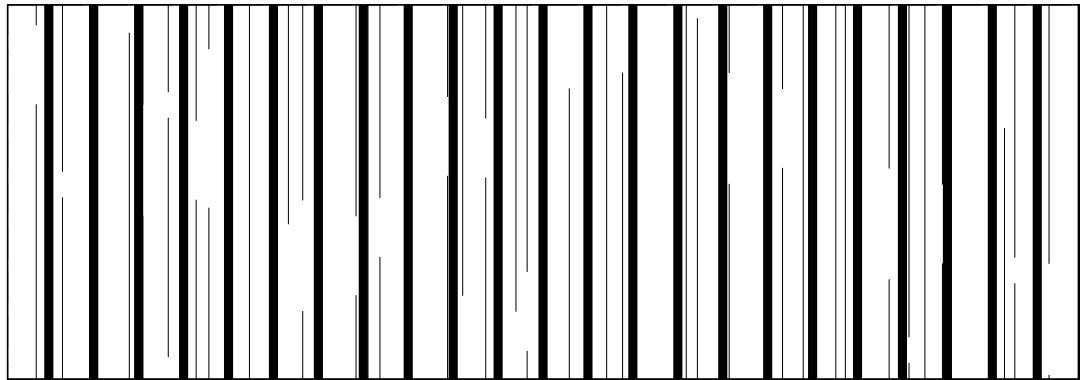
ADDITIONAL INFORMATION

ding to EN 13501-1 before veneering, no combination testing.
Base boards lose their certification through finishing.

Note: Please note that wood is a natural product. Irregularities in color and structure are a natural characteristic and are generally desirable. Please understand that samples and illustrations regarding color and structure can only be an indication.

CONTACT OUR EXPERT TEAM

INOIS® TS sl
Acoustic board



INOIS® TS sl Acoustic board

MEASUREMENT RESULTS OF THE SOUND ABSORPTION COEFFICIENT

Description and measurement of sound absorption in reverberation rooms. Test method according to STN EN ISO 354: 2004.

Test specimen: INOIS® TS sl 19mm on 10mm fleece.
72mm frame without mineral insulation wool.

Test specimen: INOIS® TS sl 19mm on 10mm fleece.
72mm frame and mineral insulation wool with a thickness of 50mm.

Frequency . f [Hz]	INOIS® TS SL 20x40 Construction height 72/0 MM		INOIS® TS SL 20x40 Construction height 72/50 MM	
	Thirde . α_s [-]	Octaves . α_p [-]	Thirde . α_s [-]	Octaves . α_p [-]
50	0,04		0,04	
63	0,03	0,05	0,05	0,05
80	0,07		0,11	
100	0,11		0,17	
125	0,11	0,15	0,32	0,30
160	0,18		0,46	
200	0,24		0,57	
250	0,30	0,30	0,84	0,80
315	0,40		0,94	
400	0,52		1,03	
500	0,71	0,70	0,99	1,00
630	0,86		0,97	
800	0,95		0,95	
1000	0,87	0,85	0,87	0,90
1250	0,77		0,82	
1600	0,66		0,77	
2000	0,54	0,55	0,69	0,70
2500	0,48		0,63	
3150	0,49		0,53	
4000	0,52	0,50	0,49	0,50
5000	0,44		0,47	
α_w *	0,55		0,70	
NRC **	0,60		0,85	
SAA ***	0,61		0,84	



* The weighted sound absorption coefficient according to EN ISO 11654:2001.

** Mean value of the sound absorption of the 250, 500, 1000, 2000 third octave values (rounded to 0.05).

*** Arithmetic mean value of the sound absorption across all one-third octave values from 200 - 2500 Hertz (rounded to 0.01).