

PRODUCT PORTFOLIO

akustik*plus*



high performance
acoustics

Proven and optimised
room sound.



sustainable
materials

Made from ecological and
natural raw materials



Made in
Germany

Renowned
manufacturing.



certified
and tested

ISO 354 certified for
proven acoustics.

Notes:
May contain errors or misprints.
The latest version of this brochure can be found on our website.
Our general terms and conditions apply.





Residential

- Dining room
- Study
- Living room
- Home cinema



Offices

- Meeting room
- Open-plan office
- Break-out areas
- Conference room



Public buildings

- Restaurants
- Hotels
- Administrative
- Municipal facilities



Education

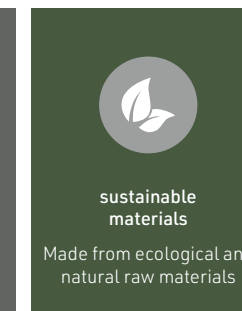
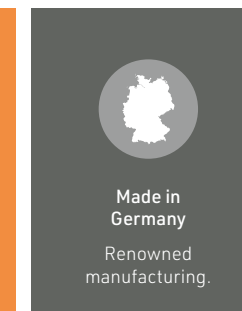
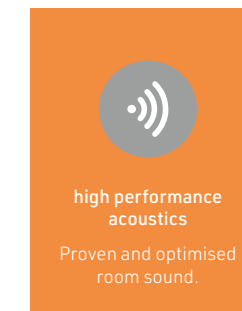
- Schools
- Nurseries
- Libraries
- Lecture halls



Art & culture

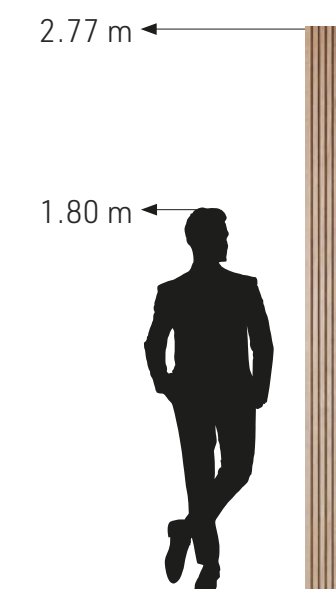
- Concert halls
- Theatres
- TV/broadcasting studios
- Rehearsal rooms

SMARTLINE acoustic panels with absorber	 2,770 x 184 mm 	Comfort Collection 	
SLIMLINE slotted acoustic panels	 2,784 x 192 mm 	slimline Collection 	
DESIGNLINE felt panels with slats	 2,670 x 572.5 mm 	Home Collection 	
PROLINE perforated acoustic boards	 2,800 x 1,310 mm 	multiONE 	

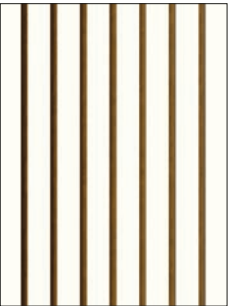


SMARTLINE

- ✓ best value -to-performance
- ✓ low build-up
- ✓ comprehensive range of accessories
- ✓ sustainable materials
- ✓ quickly available

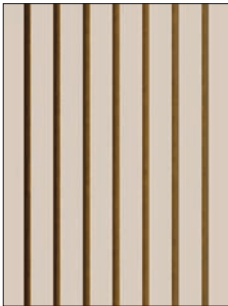


SMARTLINECollection



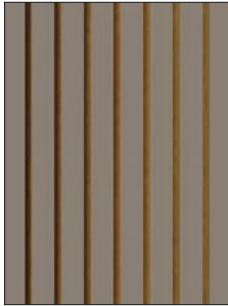
premium white
23/6 nature
melamine

549621



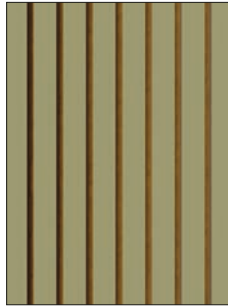
cashmere grey
23/6 nature
melamine

549851



cubanite grey
23/6 nature
melamine

549852



olive green
23/6 nature
melamine

549853



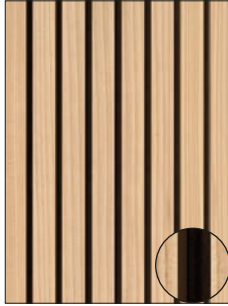
silver fir
23/6 nature
veneer (matte finish)

548194



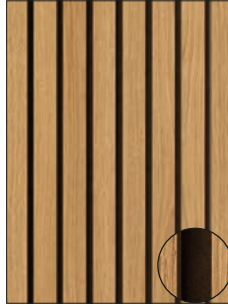
european oak
23/6 nature
veneer (matte finish)

548196



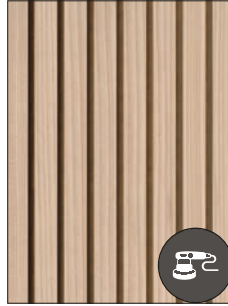
silver fir
23/6 dark
veneer (matte finish)

548195



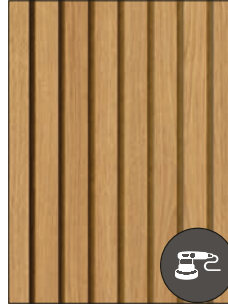
european oak
23/6 dark
veneer (matte finish)

548197



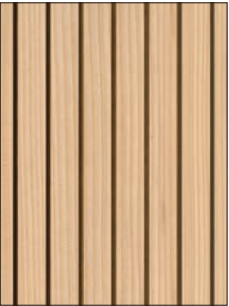
silver fir
23/6 nature
veneer (raw sanded)

549628



european oak
23/6 nature
veneer (raw sanded)

549627



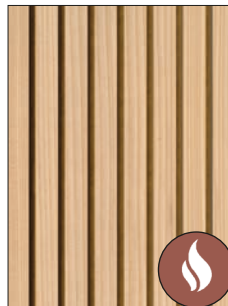
silver fir
24/4s nature
veneer (matte finish)

549623



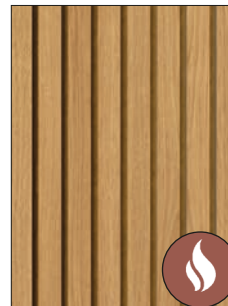
european oak
stripes [4s] nature
veneer (matte finish)

549625



silver fir fr
23/6 nature
veneer (matte finish)

550700

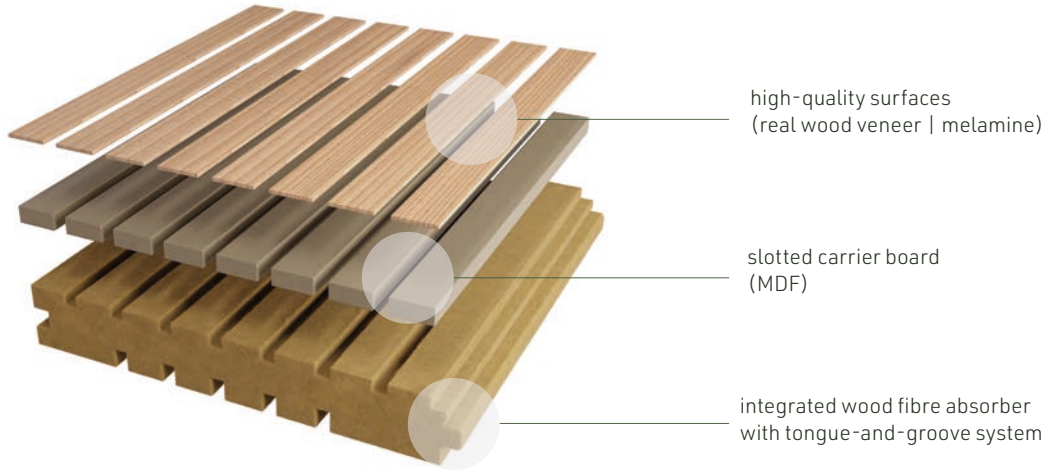


european oak fr
23/6 nature
veneer (matte finish)

550701

technical date	
panel size	2,770 x 184 mm
thickness	36.5 mm
slot spacing	23/6 24/4s stripes [4s]
surface	veneer melamine
carrier board	MDF E1
reverse side	wood fibre absorber (slotted)
edge	tongue and groove connection
fire behaviour	normally flammable flame-retardant (fr)
weight	approx. 10 kg/m²
U-value	U = 1.43 W/m²K (DIN EN 12667)
installation	vertical horizontal wall ceiling
packing information	0.51 m²/panel 3 panels/pack (minimum order quantity) 1.53 m²/pack 32 packs/pallet (mix possible) 48.96 m²/pallet

sound absorption values acc. to ISO 354						
slot pattern	23/6	23/6	24/4s	24/4s	stripes [4s]	stripes [4s]
total build-up	37 mm	137 mm	37 mm	137 mm	37 mm	137 mm
insulation	-	-	-	-	-	-
panel thickness	36.5 mm	36.5 mm	36.5 mm	36.5 mm	36.5 mm	36.5 mm
frequency [Hz]	α _p	α _p	α _p	α _p	α _p	α _p
125	0.15	0.40	0.15	0.40	0.15	0.40
250	0.50	0.65	0.55	0.60	0.55	0.55
500	0.80	0.75	0.80	0.70	0.75	0.65
1000	0.95	0.85	0.90	0.85	0.85	0.80
2000	1.00	1.00	0.90	0.90	0.90	0.90
4000	0.85	0.85	0.70	0.70	0.70	0.70
NRC	0.80	0.85	0.80	0.75	0.80	0.75
SAA	0.81	0.82	0.78	0.76	0.77	0.74
α _w	0.80	0.85	0.80	0.80	0.80	0.75
absorber class	B	B	B	B	B	B



comfort-collection

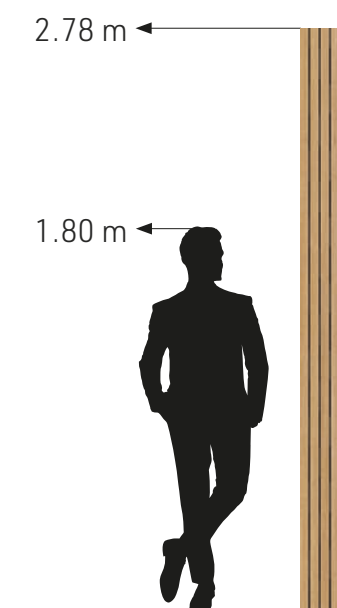




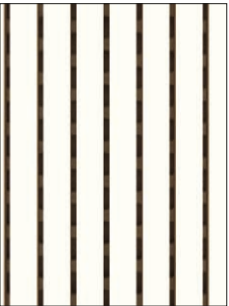
 high performance acoustics Proven and optimised room sound.	 Made in Germany Renowned manufacturing.	 certified and tested ISO 354 certified for proven acoustics.
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SLIMLINE

- ✓ wide range of finishes
- ✓ simple installation
- ✓ highly effective acoustic performance
- ✓ easy handling
- ✓ quickly available



SLIMLINECollection



premium white
16/3 melamine
MDF B2 brown

548179



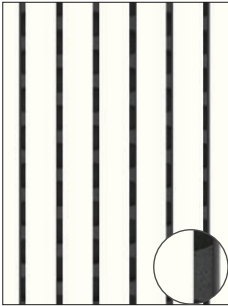
vicenza oak
16/3 melamine
MDF B2 brown

548189



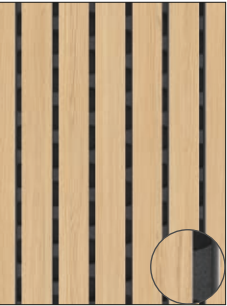
european oak
16/3 veneer
MDF B2 brown

548182



premium white
16/3 melamine
MDF B2 black

548190



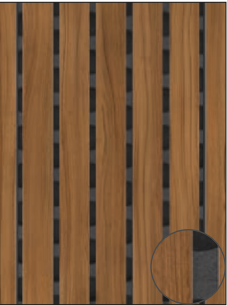
vicenza oak
16/3 CPL
MDF B2 black

548191



european oak
16/3 veneer
MDF B2 black

548192



natural dijon walnut
16/3 CPL
MDF B2 black

548193



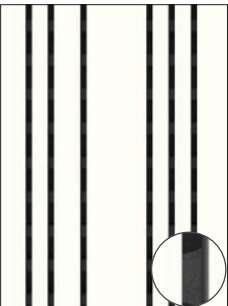
european oak
invisible 16/3 veneer
MDF B2 brown (19 mm)

548188



european oak
stripes [3] veneer
MDF B2 brown

548185



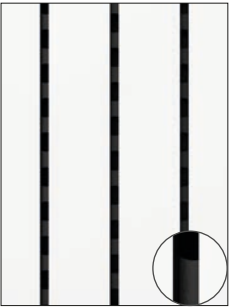
premium white
stripes [3] melamine
MDF B2 black

548186



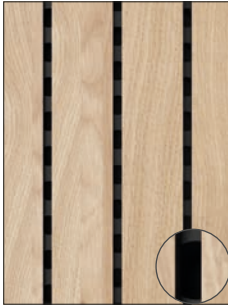
european oak
stripes [3] veneer
MDF B2 black

548187



premium white
32/4 melamine
MDF B2 black

548174



coastal oak
32/4 melamine
MDF B2 black

548173



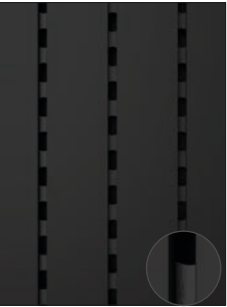
european oak
32/4 veneer
MDF B2 black

548176



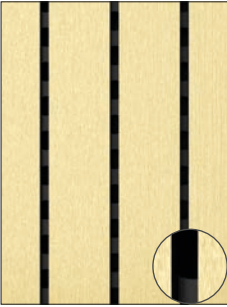
walnut
32/4 veneer
MDF B2 black

548175



premium black
32/4 soft-touch
MDF B2 black

548177



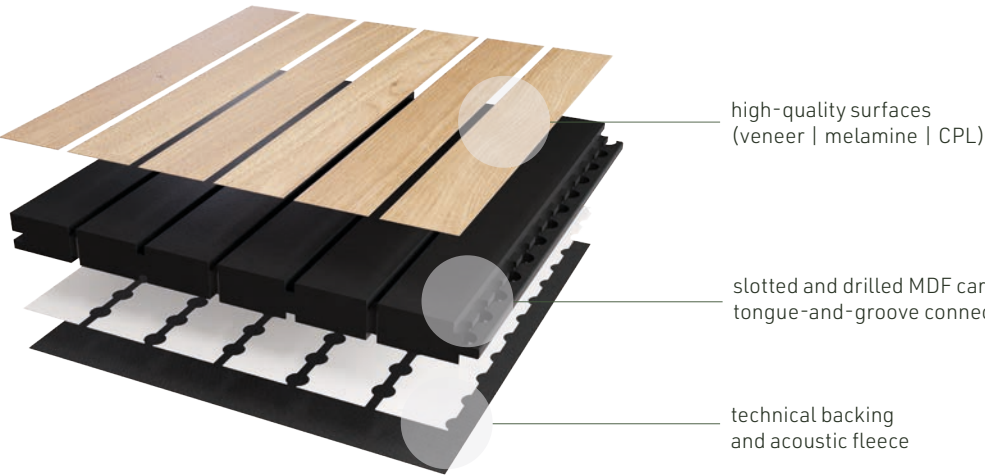
bronze
32/4 real metal | brushed
MDF B2 black

548178

veneer with coating
(clear | matte)

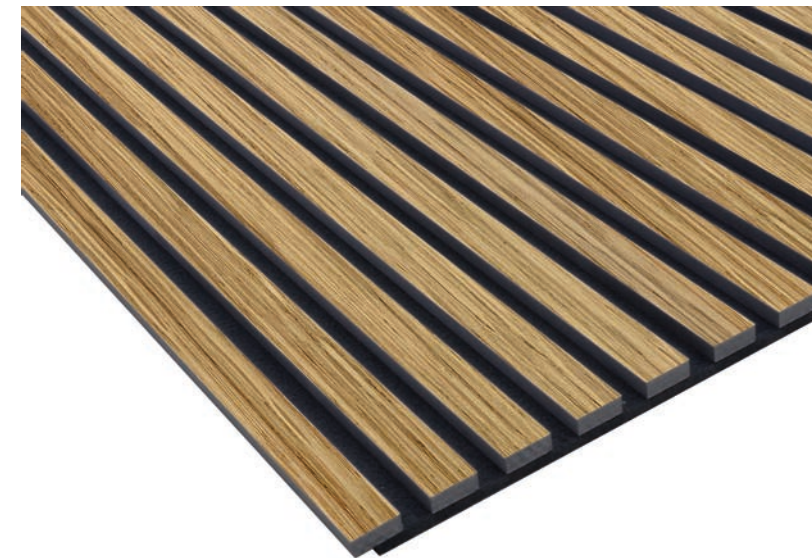
technical data	
panel size	2,784 x 192 mm
thickness	16 19 mm
slot spacing	16/3 invisible 16/3 stripes [3] 32/4
surface	veneer melamine CPL
carrier board	MDF B2 E1
reverse side	technical backing acoustic fleece
edge	tongue and groove connection
fire behaviour	normal flammability <i>(flame-retardant on request)</i>
weight	approx. 9.69 kg /m²
installation	vertical horizontal wall ceiling
packing information	0.53 m²/panel 4 panels/pack (minimum order quantity) 2.14 m²/pack 32 pack/pallet (mix possible) 68.48 m²/pallet

sound absorption values acc. to ISO 354				
slot pattern	16/3	invisible 16/3	stripes [3]	32/4
total build-up	46 mm	49 mm	46 mm	216 mm
insulation	30 mm	30 mm	30 mm	50 mm
panel thickness	16 mm	19 mm	16 mm	16 mm
frequency [Hz]	α _p	α _p	α _p	α _p
125	0.20	0.20	0.20	0.55
250	0.60	0.60	0.65	0.85
500	0.85	1.00	0.80	0.80
1000	0.90	1.00	0.85	0.80
2000	0.80	0.80	0.75	0.65
4000	0.80	0.60	0.65	0.60
NRC	0.80	0.85	0.80	0.80
SAA	0.79	0.84	0.77	0.76
α _w	0.85	0.80	0.80	0.70
absorber class	B	B	B	C



slimline-Collection





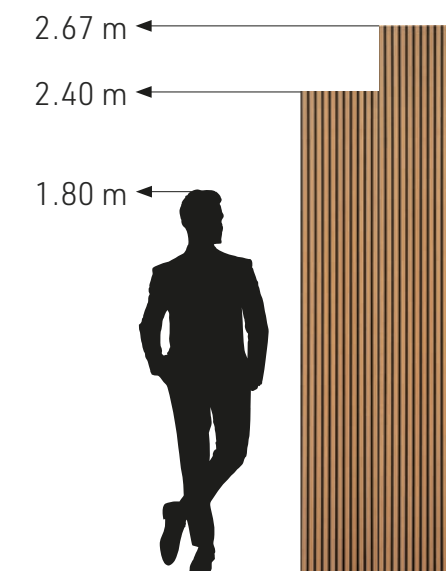
DESIGNLINE

- ✓ on-trend aesthetic
- ✓ veneer and decorative foil
- ✓ easy adhesive installation
- ✓ individually packaged
- ✓ quickly available

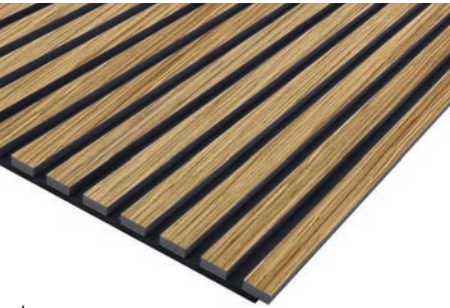


certified
and tested

ISO 354 certified for
proven acoustics.



2,670 x 572.5 x 19 mm



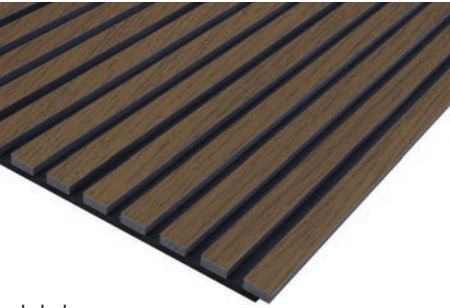
oak
veneer (matte finish)

413908



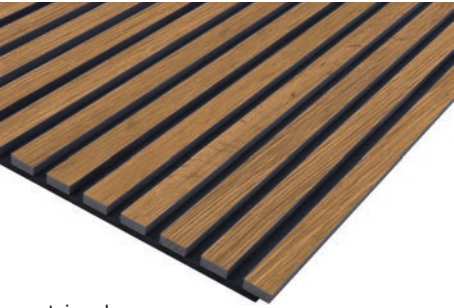
oak light
veneer (matte finish)

413909



oak dark
veneer (raw sanded)

413910



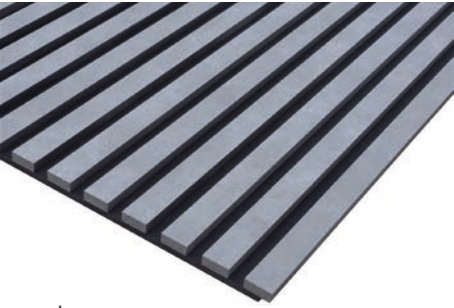
mountain oak
decorative foil

413911



oak puro
decorative foil

413912



concrete grey
decorative foil

413913

2,400 x 572.5 x 12 mm



natural oak
veneer

414722



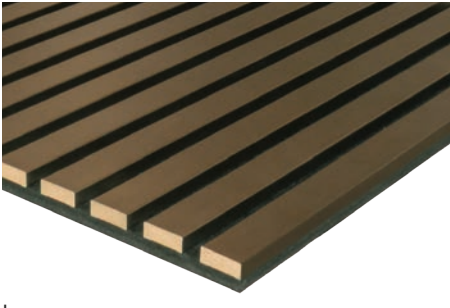
natural walnut
veneer

414723



oak authentic
decorative foil (3-sided)

414724

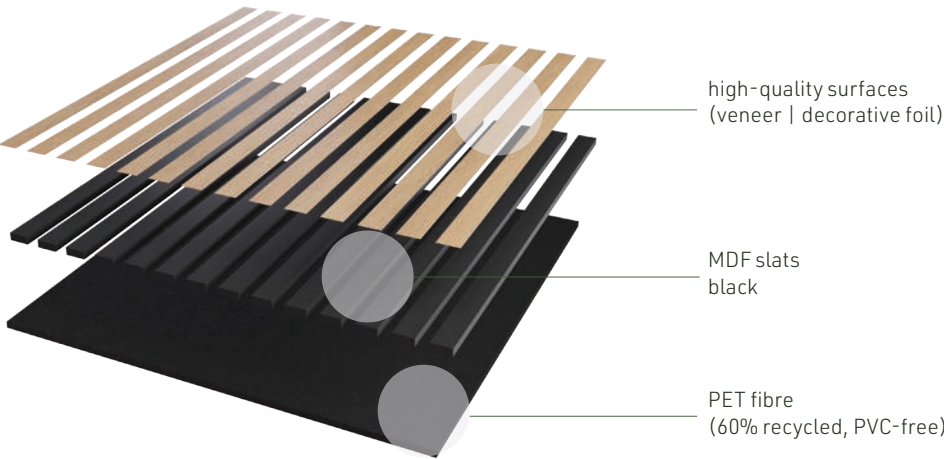


brass
decorative foil (3-sided)

414725

technical data	
panel size	2,670 x 572.5 mm 2,400 x 572.5 mm
thickness	19 mm (2,670 mm) 12 mm (2,400 mm)
surface	veneer decorative foil
slats	25 x 10 mm (W x H) (2,670 mm) 25 x 8 mm (W x H) (2,400 mm)
carrier board	PET fibre 60% recycled PVC-free
edge	without edge banding
fire behaviour	normal flammability
weight	approx. 5 kg /m² (2,670 mm) approx. 4 kg /m² (2,400 mm)
installation	vertical horizontal wall ceiling (not for adhesive installation)
packing information	1.53 / 1.37 m²/panel 1 panel/pack (minimum order quantity 5 packs) 1.53 / 1.37 m²/pack 27 panels/pallet (mix possible) 41.31 / 37.99 m²/pallet

sound absorption values acc. to ISO 354				
slot pattern	40/15	40/15	40/15	40/15
total build-up	19 mm	119 mm	12 mm	112 mm
insulation	-	-	-	-
panel thickness	19 mm	19 mm	12 mm	12 mm
frequency [Hz]	α _p	α _p	α _p	α _p
125	0.05	0.10	0,00	0,10
250	0.05	0.30	0,05	0,25
500	0.20	0.70	0,10	0,60
1000	0.50	0.75	0,25	0,75
2000	0.85	0.65	0,60	0,55
4000	0.75	0.65	0,95	0,60
NRC	0.40	0.60	0,25	0,55
SAA	0.42	0.63	0,26	0,53
α _w	0.25	0.60	0,20	0,55
absorber class	D	C	E	D





2.80 m

1.80 m



PROLINE

- ✓ micro-perforated finishes
- ✓ ideal for architectural features
- ✓ outstanding acoustic performance
- ✓ practical handling
- ✓ quickly available



high performance
acoustics

Proven and optimised
room sound.



Made in
Germany

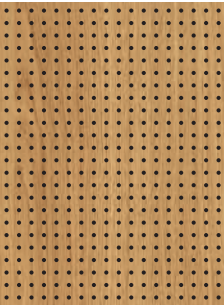
Renowned
manufacturing.



certified
and tested

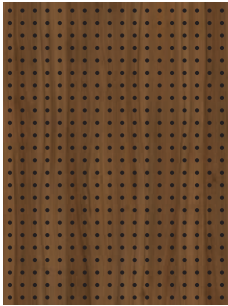
ISO 354 certified for
proven acoustics.

PROLINEmultiONE classic



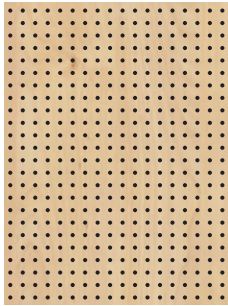
european oak
veneer
MDF B2 brown

548264



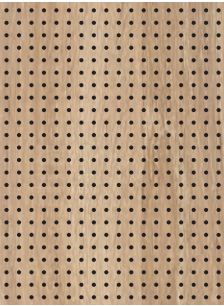
walnut
veneer
MDF B2 brown

548265



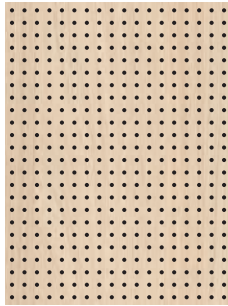
maple
veneer
MDF B2 brown

548266



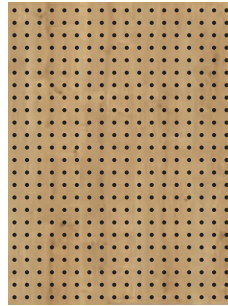
bardolino oak natural
H1145 ST10 | CPL
MDF B2 brown

548267



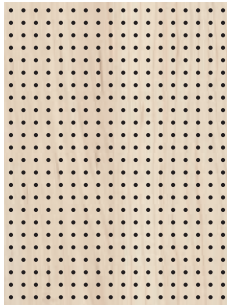
lakeland acacia light
H1277 ST9 | CPL
MDF B2 brown

548268



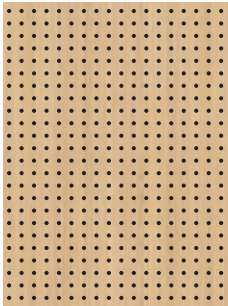
hamilton oak natural
H3303 ST10 | CPL
MDF B2 brown

548269



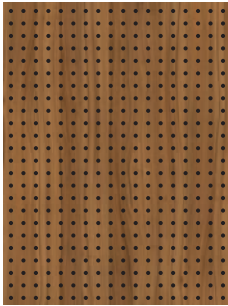
hard maple champagne
H3860 ST9 | CPL
MDF B2 brown

548270



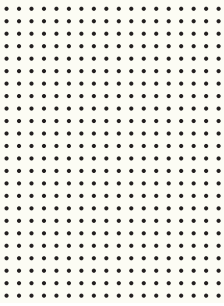
vicenza oak
H3157 ST12 | CPL
MDF B2 brown

548271



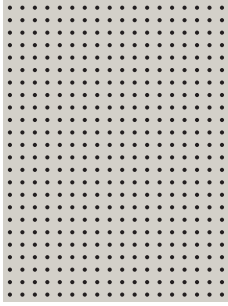
natural dijon walnut
H3734 ST9 | CPL
MDF B2 brown

548272



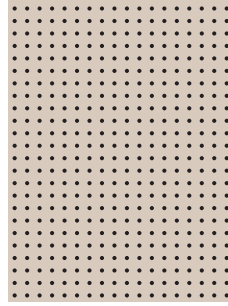
premium white
W1000 ST9 | CPL
MDF B2 brown

548273



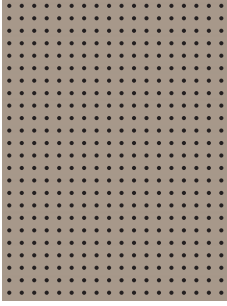
light grey
U708 ST9 | CPL
MDF B2 brown

548278



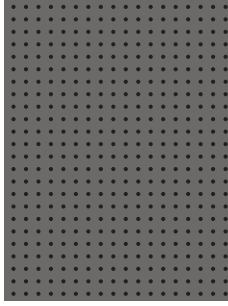
cashmere grey
U702 ST9 | CPL
MDF B2 brown

548277



stone grey
U727 ST9 | CPL
MDF B2 brown

548275



onyx grey
U960 ST9 | CPL
MDF B2 brown

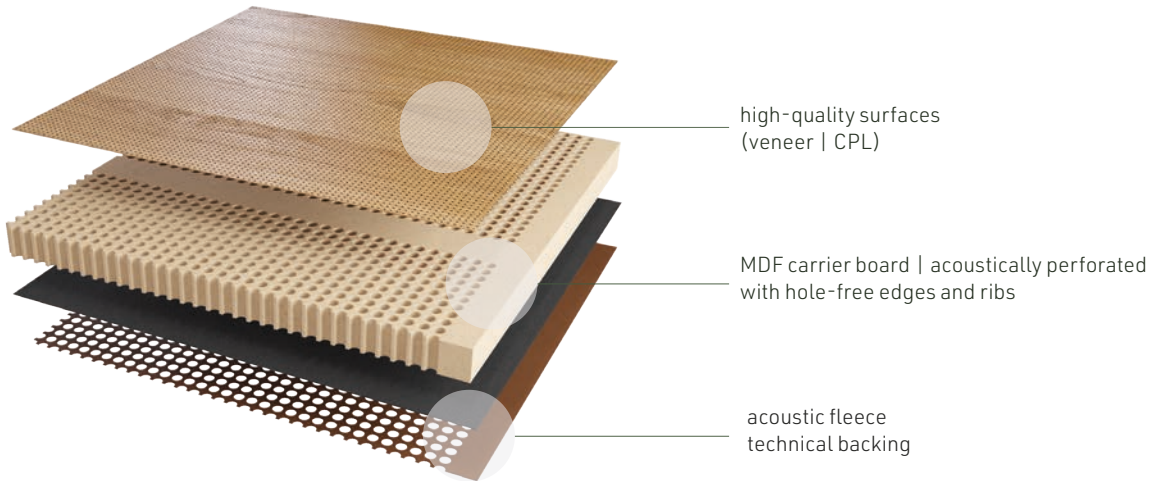
548276

technical data	
board size	2,800 x 1,310 mm
net dimension	2,768 x 1,280 mm
thickness	19 mm
surface	veneer CPL
carrier board	MDF B2 E1 drilled for acoustic performance
reverse side	technical backing acoustic fleece
edge	without edge banding industrial saw cut
fire behaviour	normal flammability (<i>flame-retardant on request</i>)
weight	approx. 10.79 kg /m²
installation	vertical horizontal wall ceiling furniture construction

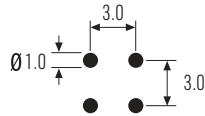
packing information

3.67 m²/board (raw dimension)
1 board/pack (minimum order quantity)
3.67 m²/pack
24 boards/pallet (mix possible)
88.08 m²/pallet

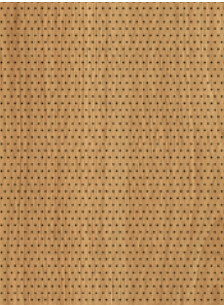
sound absorption values acc. to ISO 354			
perforation	classic	classic	classic
total build-up	50 mm	80 mm	420 mm
insulation	30 mm	60 mm	60 mm
board thickness	20 mm	20 mm	20 mm
frequency [Hz]	α _p	α _p	α _p
125	0.15	0.35	0.65
250	0.55	0.95	0.80
500	0.95	1.00	0.85
1000	0.90	0.85	1.00
2000	0.75	0.80	0.95
4000	0.70	0.70	0.85
NRC	0.80	0.90	0.90
SAA	0.79	0.91	0.90
α _w	0.80	0.85	0.95
absorber class	B	B	A



perforation classic - 3/3/1 - scale 2:1	
hole diameter	1.0 mm
Center-to-center distance	3.0 mm
open surface	8.7 %
holes/m²	111,111

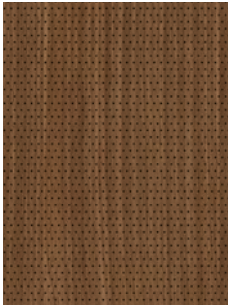


multiONE



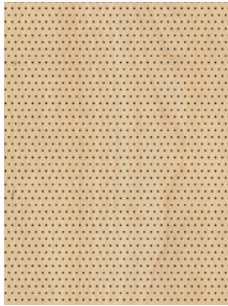
european oak
veneer
MDF B2 brown

548249



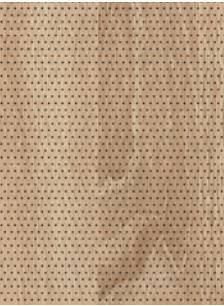
walnut
veneer
MDF B2 brown

548250



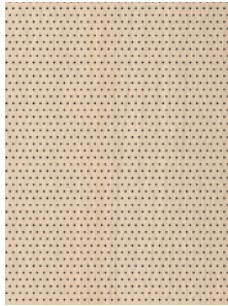
maple
veneer
MDF B2 brown

548251



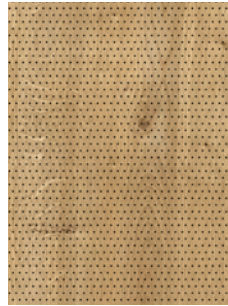
bardolino oak natural
H1145 ST10 | CPL
MDF B2 brown

548252



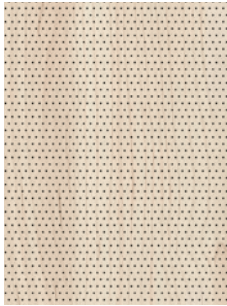
lakeland acacia light
H1277 ST9 | CPL
MDF B2 brown

548253



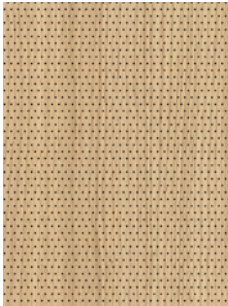
hamilton oak natural
H3303 ST10 | CPL
MDF B2 brown

548254



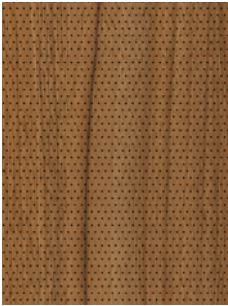
hard maple champagne
H3860 ST9 | CPL
MDF B2 brown

548255



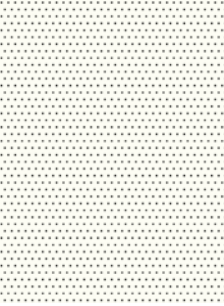
vicenza oak
H3157 ST12 | CPL
MDF B2 brown

548256



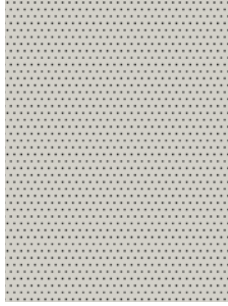
natural dijon walnut
H3734 ST9 | CPL
MDF B2 brown

548257



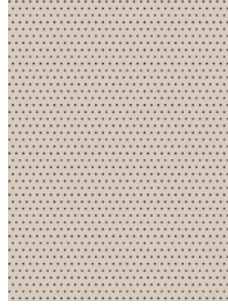
premium white
W1000 ST9 | CPL
MDF B2 brown

548258



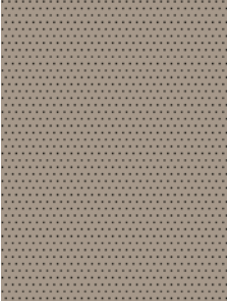
light grey
U708 ST9 | CPL
MDF B2 brown

548263



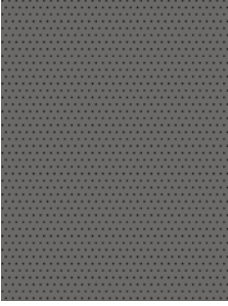
cashmere grey
U702 ST9 | CPL
MDF B2 brown

548262



stone grey
U727 ST9 | CPL
MDF B2 brown

548260

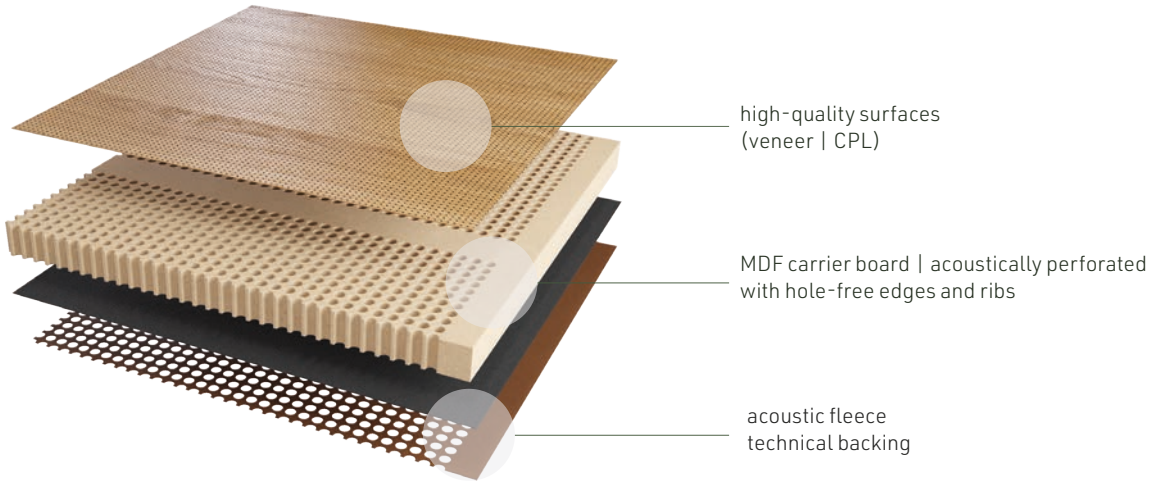


onyx grey
U960 ST9 | CPL
MDF B2 brown

548261

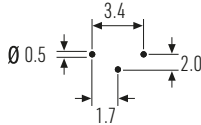
technical data	
board size	2,800 x 1,310 mm
net dimension	2,768 x 1,280 mm
thickness	19 mm
surface	veneer CPL
carrier board	MDF B2 E1 drilled for acoustic performance
reverse side	technical backing acoustic fleece
edge	without edge banding industrial saw cut
fire behaviour	normal flammability (flame-retardant on request)
weight	approx. 10.79 kg /m²
installation	vertical horizontal wall ceiling furniture construction

3.67 m²/board (raw dimension)
1 board/pack (minimum order quantity)
3.67 m²/pack
24 boards/pallet (mix possible)
88.08 m²/pallet



sound absorption values acc. to ISO 354			
perforation	finest	finest	finest
total build-up	50 mm	80 mm	420 mm
insulation	30 mm	60 mm	60 mm
board thickness	20 mm	20 mm	20 mm
frequency [Hz]	α_p	α_p	α_p
125	0.35	0.35	0.75
250	0.80	1.00	0.85
500	1.00	1.00	0.75
1000	0.95	0.85	0.80
2000	0.75	0.75	0.80
4000	0.65	0.65	0.70
NRC	0.85	0.90	0.80
SAA	0.85	0.91	0.80
α_w	0.80	0.80	0.80
absorber class	B	B	B

perforation finest - 1.7/2.0/0.5 - scale 2:1	
hole diameter	0.5 mm
Center-to-center distance	1.7 mm 2.0 mm (staggered pattern)
open surface	5.77 %
holes/m²	294,118



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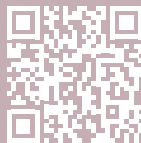


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