

Interior

Veneer Sheet

Locarno



06/2023 | 3F EN 16

**Schotten
& Hansen**

Nature Refined.

Locarno

Product Description

- `Locarno` is intended for further processing into interior elements and can be used by interior fitters and carpenters.
- `Locarno` is supplied in composite veneer sheets, characterised by a mixed but harmonious veneer appearance.
- In addition to oak in one of our colour generations. Mineral & Terra, Schotten & Hansen interior products are also available in other wood species or customised colours are also available.
- As our ready-to-surface interior products are further processed, a final touch-up by a specialist is recommended after installation.
- Processing requires special handling of the material. The necessary expertise for this can be obtained from Schotten & Hansen and can be read in the application description.











Product Information

Area of application	Veneer sheet for gluing on a carrier material and further processing into interior elements, e.g. furniture doors, wall / ceiling panels, edging material
Description	Oak veneer sheet with Schotten & Hansen surface Other wood species are possible on request
Length¹	2950 mm (Delivery measurement 3100 mm)
Width¹	1220 mm (Delivery measurement 1300 mm)
Thickness	approx. 0.7 mm (± 0.1 mm)
Construction	approx. 0.6 mm (± 0.1 mm) sliced veneer top layer Multi-layer construction
Surface	Vapour permeable Schotten & Hansen surface Surface treatment with natural oils, resins and waxes Avoid strong acids and alkalis
Application	See the veneer application guide for our recommendations on further processing.
Cleaning & Care	Schotten & Hansen cleaning and maintenance products are recommended For further information, please refer to the cleaning and maintenance instructions or contact our service department: service@schotten-hansen.com
Recycling	Schotten & Hansen wood products are recyclable according to the waste wood regulation category A2 and can therefore be reused for the production of wood-based materials.

¹ Due to raw material shortages, we can only grant the specified length and width with reservations. They are determined by the actual order situation. Under prior agreement, 5 % of the ordered goods can vary in length and width.

Locarno

Terra & Mineral

	Terra	Mineral
I		
II		
III		
IV		
V		

Customised colours on request.

Selection

-
- 1. Fine** Rift, characterised by veneer sheets (approx. 70-160 mm) joined in a board character, with predominantly straight grain, free of sapwood and moon rings.
-

Fine selection in principle knot-free
The specified width variation may be narrower at the edges due to manufacturing tolerances.
Other selection and veneer unwindings on request

Treatment

-
- 1. Brushed** The wood's typical grain structure is accentuated through brushing
-

Construction



Differences in colour between products is subject to variations and display exhibits or samples, as far as these are due to the natural quality of the used material as well as customary.

All information in the data sheet as well as our further advice and consultation on application/use is based on empirical and scientific experiences. Therefore, these are provided without obligation or guarantee. Measurements may vary for production-related reasons. Due to the multitude of materials and different processing conditions, it is obligatory on the purchaser to verify the product's suitability for the requested purpose prior to the start of production.

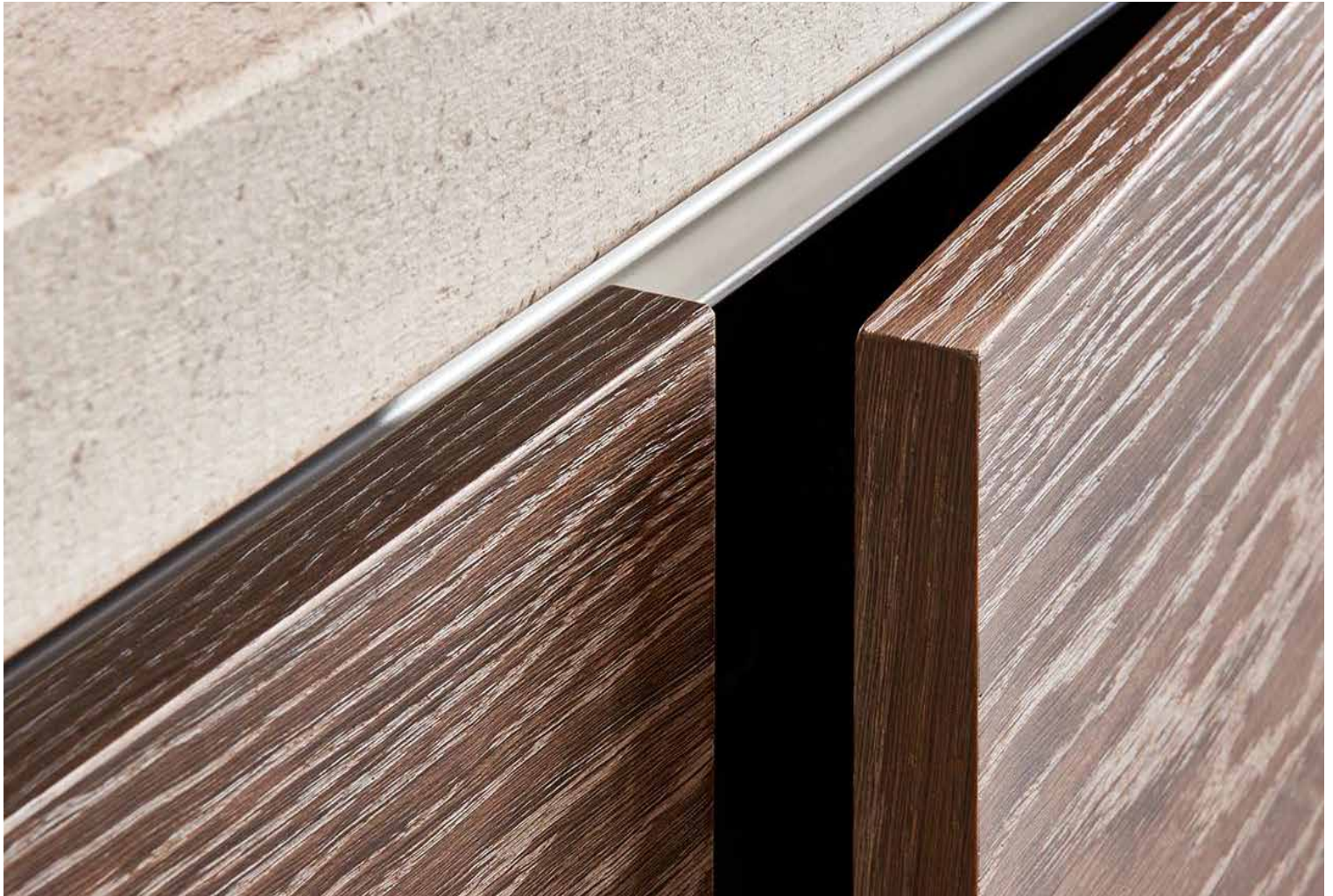
**Schotten
& Hansen**

Schotten & Hansen GmbH, August-Moralt-Straße 1, 86971 Peiting,
T +49 8861 90804-0, kontakt@schotten-hansen.com, www.schotten-hansen.com

Interior

Veneer Edge Material

Ascona



06/2023 | 2F EN 17

**Schotten
& Hansen**

Nature Refined.

Ascona

Product Description

- 'Ascona' is intended for further processing into interior elements and can be used by interior designers and carpenters.
- Ascona is supplied in individual sheets of veneer or optionally on request on a mother roll and is designed as an edging material.
- In addition to oak in one of our Terra & Mineral colour schemes, Schotten & Hansen interior products are also available in other wood species or custom colours.
- As our ready-to-finish interior products are further processed, it is recommended that they are maintained or finished by a trained professional after installation.
- The application of surface-finished veneers requires special handling of the material. The necessary skills can be taught by Schotten & Hansen in advance and can be found in the application instructions.

Product Information

Area of application	Applications for edge banding
Description	Oak veneer edge material with Schotten & Hansen surface Other wood species are possible on request
Length¹	Mother roll on request
Width¹	22 mm
Thickness	0.7 mm (± 0.1 mm)
Construction	0.6 mm sliced veneer top layer Two-layer construction
Surface	Vapour permeable Schotten & Hansen surface Surface treatment with natural oils, resins and waxes Avoid strong acids and alkalis
Application	In the application description for veneer products you will find our recommendations for further processing
Cleaning & Care	Schotten & Hansen cleaning and maintenance products are recommended For further information, please refer to the cleaning and maintenance instructions or contact our service department: service@schotten-hansen.com
Recycling	Schotten & Hansen wood products are recyclable according to the waste wood regulation category A2 and can therefore be reused for the production of wood-based materials.

¹Dimensions may vary slightly due to production.











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Ascona

Terra & Mineral

	Terra	Mineral
I		
II		
III		
IV		
V		

Customised colours on request.

Selection

1. Fine Rift, characterised by veneer sheets (approx. 70-160 mm) joined in a board character, with predominantly straight grain, free of sapwood and moon rings.

Fine selection in principle knot-free

Treatment

1. Brushed The wood's typical grain structure is accentuated through brushing

Construction



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Interior

Panel

Davos



09/2023 | VF EN 15

**Schotten
& Hansen**

Nature Refined.

Davos

Product Description

- 'Davos' is intended for further processing into interior elements and can be used by interior fitters and carpenters.
- 'Davos' is supplied with a mixed veneer pattern and allows individual design in the respective assortment. In addition to the structured finish, Davos is also available in a rough cut look. The individual panels are ready for installation with a changeable rebate joint in different joint finishes.
- Unlike 'Engadin', the thin sliced veneer of 'Davos' is suitable for further processing into interior elements without heavy mechanical stress.
- In addition to oak in one of our colour generations. Mineral & Terra, Schotten & Hansen interior products are also available in other wood species or customised colours are also available.
- Since our ready-to-surface interior products are further processed, a final touch-up by a specialist is recommended after installation.
- The use of surface-finished veneers requires special handling of the material. The necessary expertise for this can be provided by Schotten & Hansen.

Product Information

Area of application	Panel for further processing into wall and ceiling blinds.
Description	Oak veneer panel with Schotten & Hansen surface Other wood species possible on request
Length¹	2950 mm 2750 mm with shadow gap (width approx. 5 mm, depth approx. 2 mm, black)
Width¹	385 mm 180 mm with shadow gap (width approx. 5 mm, depth approx. 2 mm, black)
Thickness	approx. 9.3 mm (± 0,1 mm) Other thickness on request
Construction	0.6 mm sliced veneer top layer Multi-layer construction: Glued on plywood WBP (Weather boil proof)
Profile processing	Double rebate, long side micro bevel approx. 0.3 mm, 30°. Alternating rebate lengthwise Shadow joint
Surface	Diffusion-open Schotten & Hansen surface Surface treatment with natural oils, resins and waxes Avoid strongly acidic and alkaline agents
Cleaning & Care	Schotten & Hansen cleaning and maintenance products are recommended For further information please refer to the cleaning and maintenance instructions or contact our service department: service@schotten-hansen.com
Recycling	Schotten & Hansen wood products are recyclable according to the waste wood regulation category A2 and can therefore be reused for the production of wood-based materials.











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**Schotten
& Hansen**

Davos

Terra & Mineral

	Terra	Mineral
I		
II		
III		
IV		
V		

Customised colours on request.

Selection

1. Fine	Rift, characterised by veneer sheets (approx. 70-160 mm) joined in the board character, with predominantly straight grain, free of sapwood and moon rings.
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In principle knot-free.

The specified width variation may be narrower at the edges for production reasons.

Other grades and veneer layons available on request.

Treatment

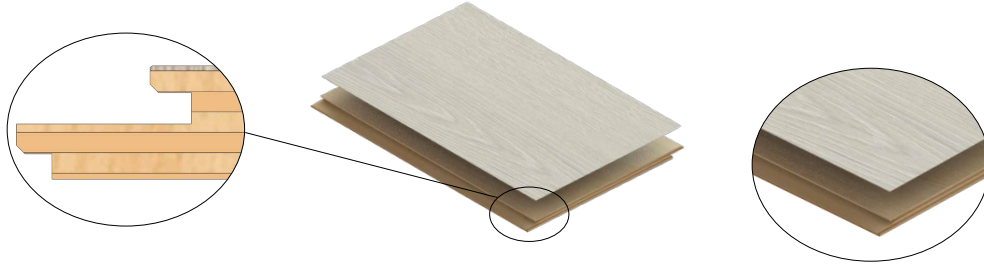
1. Brushed	The woods' typical grain structure is accentuated through brushing.
5. Rough Cut	Sawn rough optics

Differences in colour between products is subject to variations and display exhibits or samples, as far as these are due to the natural quality of the used material as well as customary.

Davos

Construction

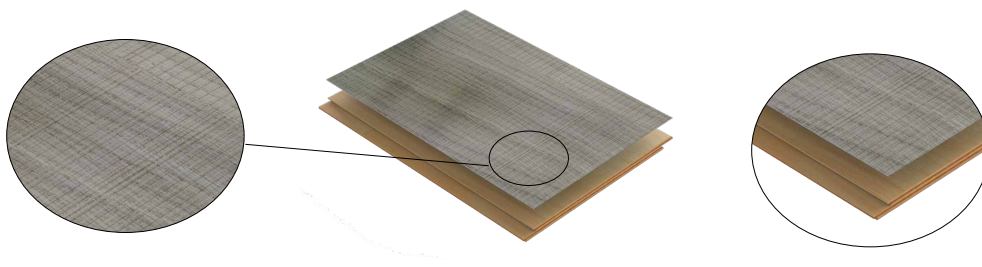
Davos, Alternating rebate on long side with micro bevel



Davos, Alternating rebate on long side with shadow gap



Davos Rough Cut



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Interior

Panel

Engadin



06/2023 | SL DE 10

**Schotten
& Hansen**
Nature Refined.

Engadin

Product Description

- 'Engadin' is intended for further processing into interior elements and can be used by interior fitters and carpenters.
- Each Engadin panel is made from a single sheet of sawn veneer sheet. This allows further processors to create an individual design with the character of solid wood. The individual panels are ready for assembly with a changeable rebate joint.
- Unlike Davos, Engadin's sawn veneer allows for strong mechanical stress, which is particularly suitable for further processing into table tops.
- In addition to oak in one of our colour generations Mineral & Terra, Engadin is also available in other wood types or customised colours.
- Since our ready-to-surface interior products are processed further, a final touch-up by a specialist is recommended after installation.
- The use of surface-finished veneers requires special handling of the material. The necessary expertise for this can be provided by Schotten & Hansen.

Product Information










Area of application	Panel for further processing into interior elements, e.g. table tops, wall and ceiling panels
Description	Oak veneer panel with Schotten & Hansen surface Other wood species possible on request
Length¹	2950 mm Short lengths can be supplied proportionally
Width¹	Range from 160 mm - 220 mm (falling widths)
Thickness	approx. 9.3 mm (± 0,1 mm) Other thickness on request
Construction	2.8 mm ± 0.1 mm sawn veneer faces for processing 3 2.5 mm ± 0.1 mm sawn veneer faces for processing 1 and 2 Multilayer construction: Glued to WBP (Weather and Boil Proof) plywood.
Profile processing	Alternating longitudinal rebate Micro bevel approx. 0.3 mm, 30°.
Surface	Diffusion-open Schotten & Hansen surface Surface treatment with natural oils, resins and waxes Avoid strongly acidic and alkaline agents
Cleaning & Care	Schotten & Hansen cleaning and maintenance products are recommended For further information please refer to the cleaning and maintenance instructions or contact our service department: service@schotten-hansen.com
Recycling	Schotten & Hansen wood products are recyclable according to the waste wood regulation category A2 and can therefore be reused for the production of wood-based materials.

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Engadin

Terra & Mineral

	Terra	Mineral
I		
II		
III		
IV		
V		

Customised colours on request.

Selection

1. Fine	Even and understated character with small knots and subtle cracks; handfinished.
2. Medium	Clearly defined character with more frequent knots, small shrinkage fissures and wind cracks; hand-finished.

Andere Sortierungen auf Anfrage

Treatment

1. Brushed	Accentuation of the wood's signature grain by brushing out the earlywood.
2. Hand-Planed	Uniquely undulating structure showing the subtle ridges and hollows created by hand planing.
3. Shrunk	Our proprietary shrinking process makes tangible the intricate structure of naturally aged wood.

Construction



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Interior

Acoustic Element

- panel
- lamella



08/2021 | AP EN 5

**Schotten
& Hansen**

Nature Refined.

Acoustic Element

Product Description

- The Schotten & Hansen acoustic element is available as a panel in 1180 mm width and as a lamella in 390 mm width.
- The acoustic element is intended for the application on interior elements without mechanical stress and can be processed by interior outfitters and carpenters.
- The hardly visible microperforation absorbs the sound and ensures a pleasantly soft room acoustics. Whether in quiet or noisy environments, the acoustic elements create a clearly noticeable soft silence.
- Next to oak in one of our standard colours, the Schotten & Hansen veneer solutions are also available in other wood species or custom colours.
- As the Schotten & Hansen veneer solutions are provided with a prefinished surface, no surface treatment after processing is required.
- The application of surface-finished veneer requires a special handling of the material. Training in use of these pre-finished veneers is provided by Schotten & Hansen.

Product Information

Area of application	Acoustic element ready for installation or for further processing into interior elements, e.g. wall / ceiling panels
Description	Oak acoustic element microperforated with Schotten & Hansen surface Other wood species possible on request
Length	2820 mm Other lengths possible on request
Width	1180 mm - acoustic panel / 390 mm - acoustic lamella Other widths possible on request
Thickness	approx. 16.5 mm (± 0.3 mm)
Weight	approx. 11 kg / m ²
Construction	0.7 mm sliced veneer top layer, microperforated (0.3 mm hole diameter / 467,500 holes / m ²) Multilayer construction: MDF exterior (moisture-resistant) glued on acoustic fleece (0.3 mm)
Surface	Schotten & Hansen permeable surface Surface treatment with natural oils, resins and waxes
Application	In the application description available on request, our recommendations for handling are described
Cleaning & Care	Schotten & Hansen cleaning and maintenance products are recommended For further information please refer to the cleaning and maintenance instructions or contact our service department: service@schotten-hansen.com
















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Acoustic Element

Oak Edition 21

	light	medium	dark
Pebble Stone			
Oyster			
Linen			
Smoke			
Mocha			

Special colour possible on request.

Selection

1. Fine veneer selection	Rift (width variation 70 – 160 mm)
1. Fine veneer selection	Cathedral (width variation 120 – 320 mm)
1. Fine veneer selection	Solid wood character (width variation 70 – 320 mm)

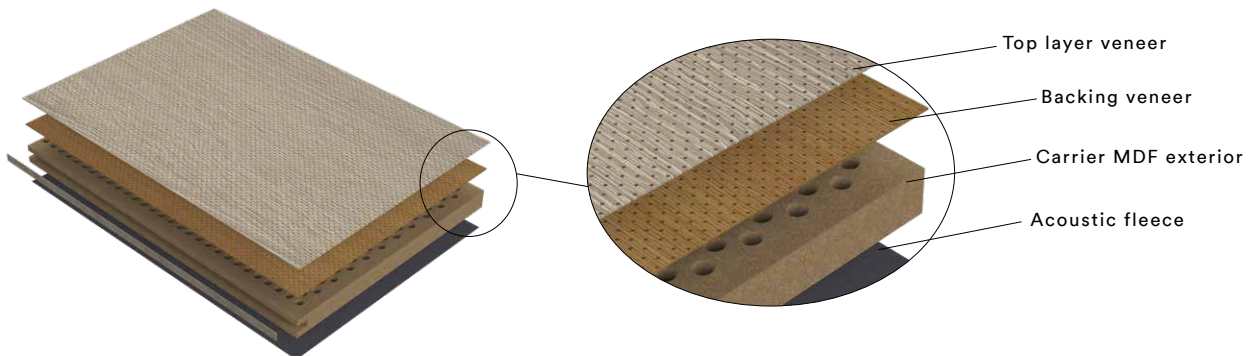
The jointing technique is called mix-matched, which results in a mixed but harmonious veneer pattern of each veneer selection
Fine selection in principle knot-free

Variations in widths can deviate downwards at boarder areas

Treatment

1. Brushed	The wood's typical grain structure is accentuated through brushing
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Construction



The long and the front sides are grooved and edged with the veneer edge `Ascona` (2-layer veneer, rounding R1)

Product	Acoustic panel & Acoustic lamella
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Product Name	Acoustic element
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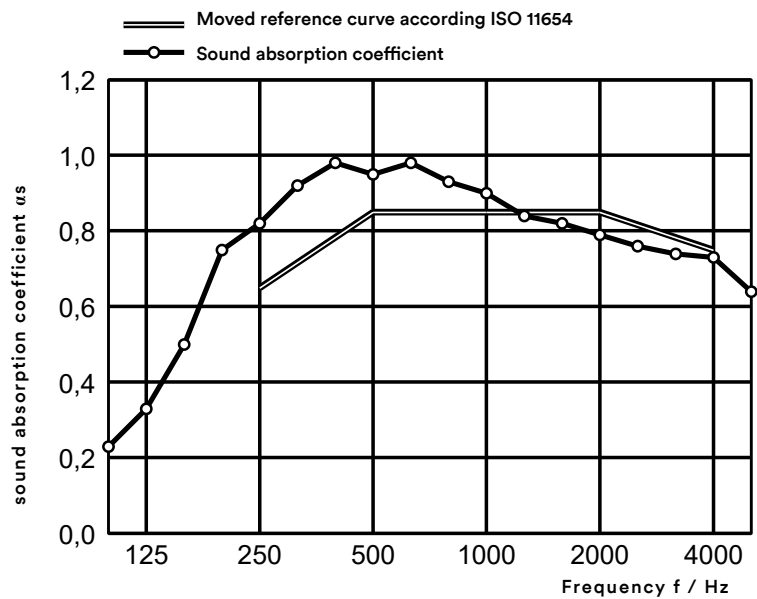
Acoustic Element

Acoustic Performance

Evaluation according to ISO 11654	$\alpha_w = 0.85$ (Sound absorption coefficient)
Evaluation according to ASTM C423	NRC = 0.85 (Noise Reduction Coefficient)
Evaluation according to ASTM C423	SAA = 0.87 (Sound Absorption Average)

α_s Sound absorption coefficient

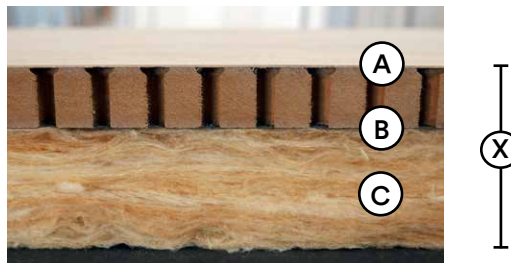
frequency [Hz]	third α_s	octave α_p
100	0.23	
125	0.33	0.35
160	0.50	
200	0.75	
250	0.82	0.85
315	0.92	
400	0.98	
500	0.95	0.95
630	0.98	
800	0.93	
1000	0.90	0.90
1250	0.84	
1600	0.82	
2000	0.79	0.80
2500	0.76	
3150	0.74	
4000	0.73	0.70
5000	0.64	



α_s Sound absorption coefficient according to ISO 354

α_p Practical sound absorption coefficient according to ISO 11654

Test setup



(A) Acoustic element	approx. 16.5 mm
(B) Backside	Acoustic fleece
(C) Insulation	mineral wool insulation 30 mm / 50 kg
(X) Total thickness	approx. 50 mm