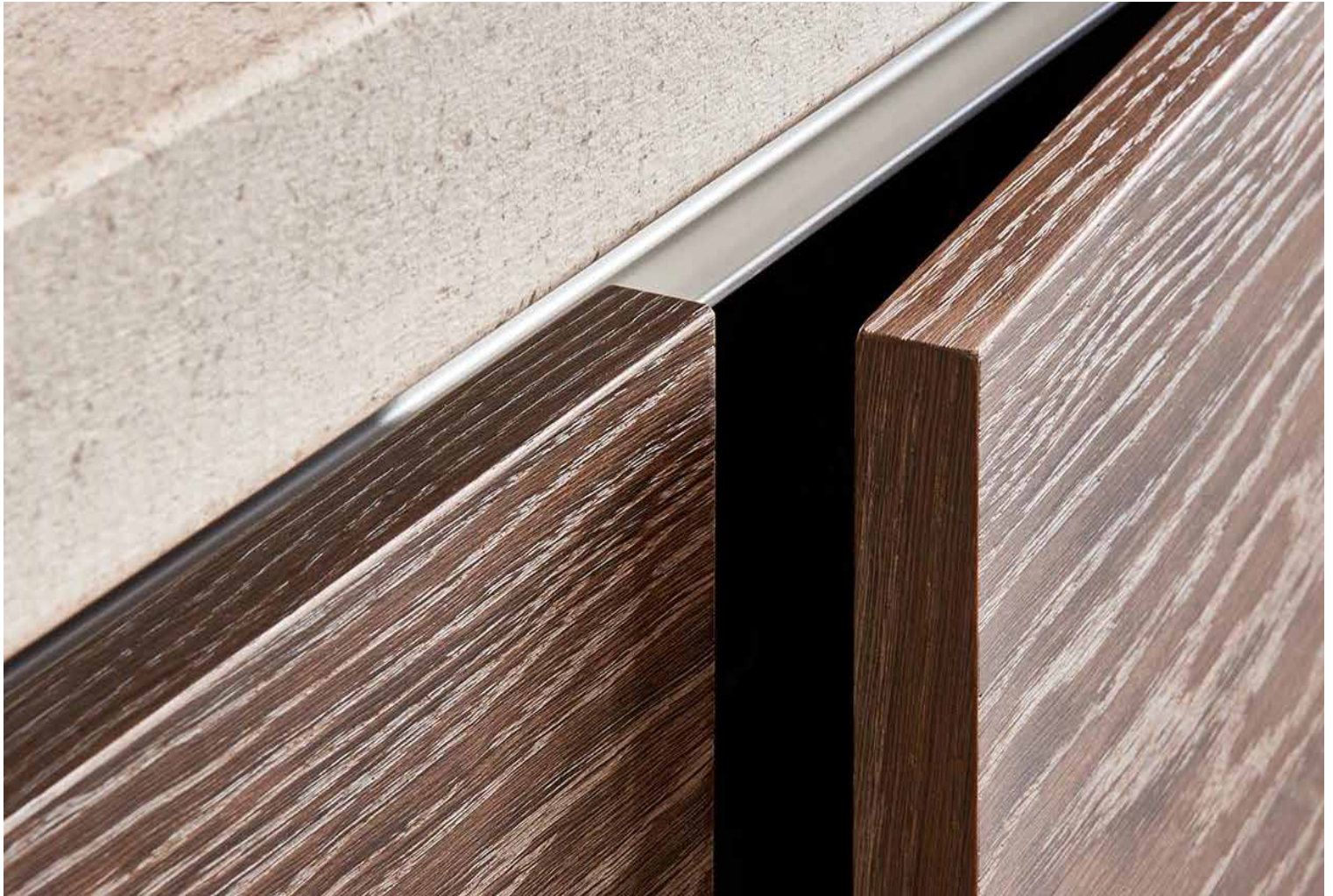


Interior

Veneer Edge Material

Ascona



08/2021 | 2F EN 16

**Schotten
& Hansen**

Nature Refined.

Ascona

Product Description

- `Ascona` is intended for the application on interior joinery elements and can be processed by interior outfitters and carpenters.
- `Ascona` is delivered in single veneer sheets and designed to use for edge banding.
- 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	Applications for edge banding
Description	Oak veneer edge material with Schotten & Hansen surface Other wood species are possible on request
Length	2950 mm Short lengths can be supplied
Width	Range of 200 mm - 360 mm (random widths) Number and width of veneers per deck depend on veneer pattern
Thickness	approx. 0,5 mm (± 0,1 mm)
Construction	0,5 mm sliced veneer top layer Two-layer construction: Lengthwise Oak + Oak
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












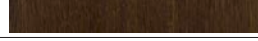



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Ascona

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)

Fine selection in principle knot-free.

Treatment

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

Construction



Product Veneer Edge Material

Product Name Ascona

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.

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Interior

Veneer Sheet

Locarno



08/2021 | 3F EN 16

**Schotten
& Hansen**

Nature Refined.

Locarno

Product Description

- `Locarno` is intended for the application on interior joinery elements and can be processed by interior outfitters and carpenters.
- `Locarno` is delivered in composite veneer sheets, characterised by a mixed but harmonious veneer pattern of the respective veneer selection.
- 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	Veneer sheet for gluing on a carrier material and further processing into interior elements, e.g. furniture doors, wall / ceiling panels
Description	Oak veneer sheet with Schotten & Hansen surface Other wood species are possible on request
Length¹	2950 mm Short lengths can be supplied
Width¹	1220 mm Veneer widths vary depending on veneer pattern
Thickness	approx. 1,3 mm (± 0,1 mm)
Construction	0,5 mm sliced veneer top layer Three-layer construction: Lengthwise Oak + Oak + Oak
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

¹ Gross dimensions ex-works: Length < 3050 mm and width < 1240 mm.








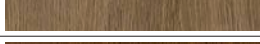



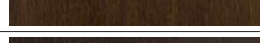



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Locarno

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)
2. Medium veneer selection	Solid wood character (width variation 160 – 260 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 border areas

Treatment

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



Product	Veneer Sheet
Product Name	Locarno

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.

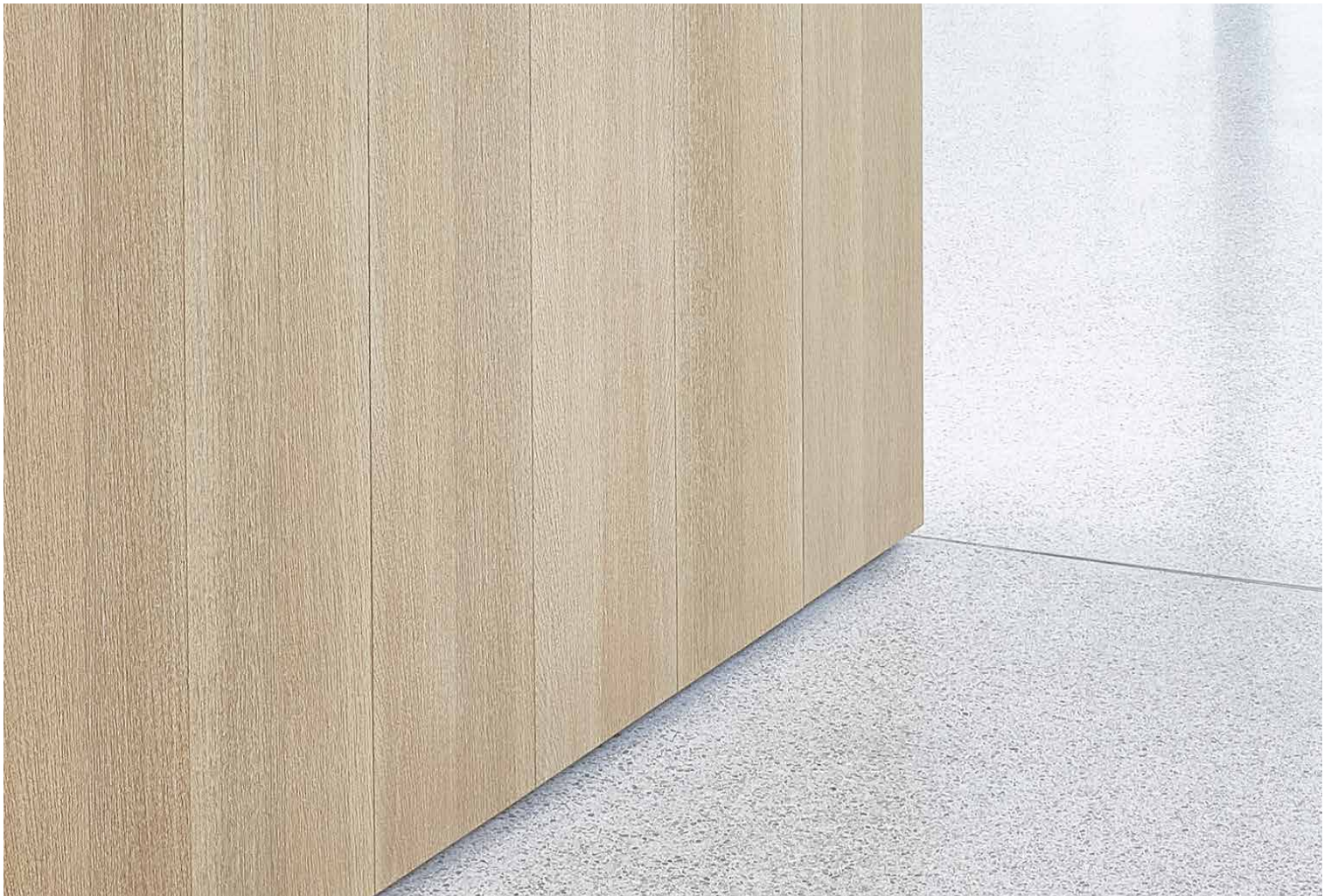
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**Schotten
&Hansen**

Interior

Veneer Panel

Davos



08/2021 | VF EN 15

**Schotten
& Hansen**

Nature Refined.

Davos

Product Description

- `Davos` is intended for the application on interior joinery elements and can be processed by interior outfitters and carpenters.
- `Davos` is delivered in a mixed veneer pattern and enables individual design of the respective veneer selection. In addition to the brushed surface treatment, Davos is also available in sawn rough optics (Rough Cut). The single panels with tongue & groove are ready for installation.
- Unlike `Engadin`, the thin sliced veneer of `Davos` is suitable for further processing into interior elements without strong mechanical stress.
- 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	Veneer panel for further processing into interior elements, e.g. furniture, doors, wall / ceiling panels
Description	Oak veneer panel with Schotten & Hansen surface Other wood species possible on request
Length	2950 mm Short lengths can be supplied
Width	Range of 200 mm - 360 mm (random widths) Number and width of veneers per deck depend on veneer pattern
Thickness	approx. 9,3 mm (± 0,1 mm) Other thickness on request
Construction	0,5 mm sliced veneer top layer Multi-layer construction: Glued on plywood WBP (Weather boil proof)
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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Davos

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)
2. Medium veneer selection	Solid wood character (width variation 160 – 260 mm)

Fine selection in principle knot-free

Variations in widths can deviate downwards at border areas

Treatment

1. Brushed	The wood's typical grain structure is accentuated through brushing
5. Rough Cut	Sawn rough optics (Fine veneer selection Rift)

Construction



Product	Veneer Panel
Product Name	Davos

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.

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**Schotten
&Hansen**

Interior

Veneer Panel

Engadin



**Schotten
& Hansen**

Nature Refined.

Engadin

Product Description

- `Engadin` is intended for the application on interior elements and can be processed by interior outfitters and carpenters.
- `Engadin` is delivered in a mixed veneer pattern and enables individual design, especially due its solid wood character. The single panels with tongue & groove are ready for installation.
- Unlike `Davos`, the sawn veneer of `Engadin` enables high mechanical stress, which is particularly suitable for further processing into table tops.
- 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	Veneer panel for further processing into interior elements, e.g. table tops, doors, wall / ceiling panels
Description	Oak veneer panel with Schotten & Hansen surface Other wood species are possible on request
Length	2950 mm Short lengths can be supplied
Width	Range of 160 mm - 240 mm (random widths)
Thickness	approx. 9,3 mm (\pm 0,1 mm) Other thickness on request
Construction	2,8 mm sawn veneer top layer at treatment 3 2,5 mm sawn veneer top layer at treatment 1 and 2 Multi-layer construction: Glued on plywood WBP (Weather boil proof)
Surface	Schotten & Hansen permeable surface Surface treatment with natural oils, resins and waxes
Emissions	Formaldehyde emission according to EN 14342: Class E1, measured as EN 717- 1 VOC-emission according ISO 16000: < 1 mg / m ³
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








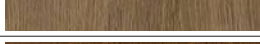



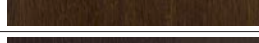



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Engadin

Oak Edition 21

	light	medium	dark
Pebble Stone			
Oyster			
Linen			
Smoke			
Mocha			

Special colour possible on request.

Selection

- | | |
|----------------------------|---|
| 1. Fine veneer selection | Solid wood character (width variation 160 – 240 mm) |
| 2. Medium veneer selection | Solid wood character (width variation 160 – 240 mm) |

Fine selection in principle knot-free
Variations in widths can deviate downwards at border areas

Treatment

- | | |
|----------------|--|
| 1. Brushed | The wood's typical grain structure is accentuated through brushing |
| 2. Hand Planed | Small burrs and hollows applied with a curved blade create a wavy texture, ensuring a vivid, lively finish |
| 3. Shrunken | A special drying technique creates a highly distinctive surface, with all the characteristics of naturally aged wood |

Construction



Product	Veneer Panel
Product Name	Engadin

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.

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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










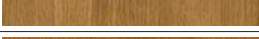

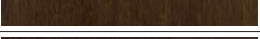



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Acoustic Element

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)

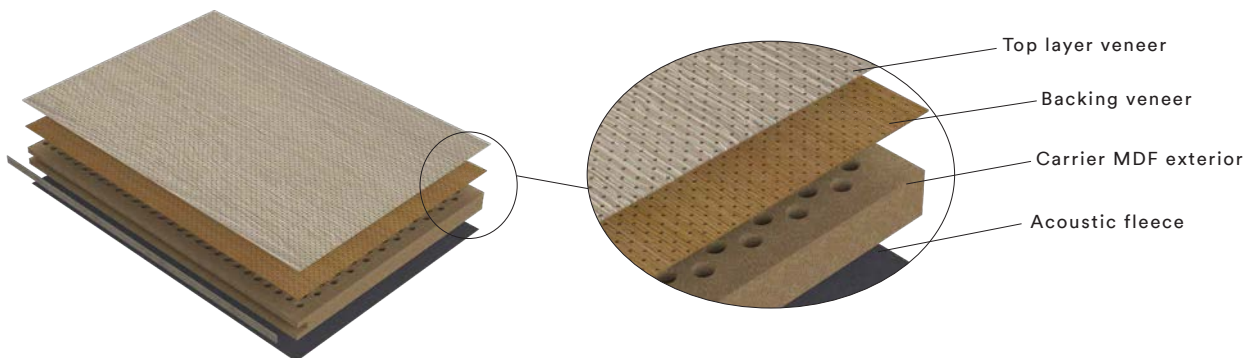
The jointing technique is called mix-matched, which results in a mixed but harmonious veneer pattern of each veneer selection
Fine selection in principle knot-free

Variations in widths can deviate downwards at boarder areas

Treatment

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

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
--------------	------------------

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.

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**Schotten
&Hansen**

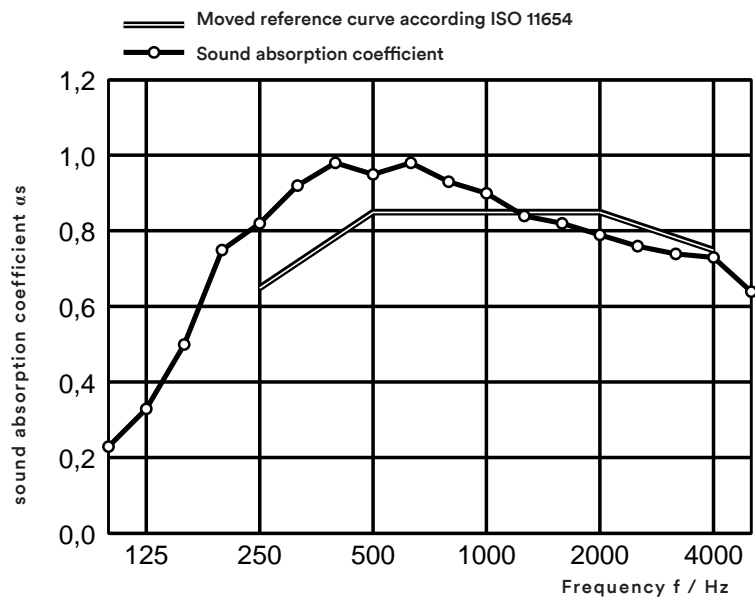
Acoustic Element

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

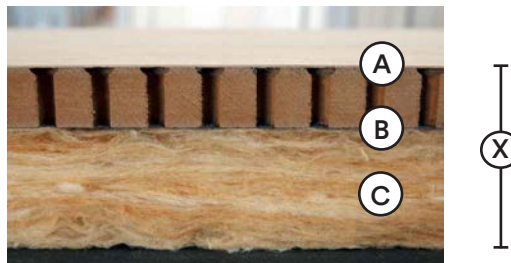
frequency [Hz]	third α_s	octave α_p
100	0.23	
125	0.33	0.35
160	0.50	
200	0.75	
250	0.82	0.85
315	0.92	
400	0.98	
500	0.95	0.95
630	0.98	
800	0.93	
1000	0.90	0.90
1250	0.84	
1600	0.82	
2000	0.79	0.80
2500	0.76	
3150	0.74	
4000	0.73	0.70
5000	0.64	



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

**Schotten
&Hansen**

Interior

Veneer Panel

Omega



08/2021 | VP EN 7

**Schotten
& Hansen**

Nature Refined.

Omegna

Product Description

- `Omegna` is intended for the application on interior joinery elements and can be processed by interior outfitters and carpenters.
- `Omegna` is delivered in a mixed veneer pattern and enables individual design of the respective veneer jointing method.
- The single panels are with a `Ascona` edge and a double tongue connection. As a connecting element an additionally clamp or spring is available.
- Unlike `Engadin`, the thin sliced veneer of `Omegna` is suitable for further processing into interior elements without strong mechanical stress.
- 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	Ready for installation veneer panel for further processing into interior elements, e.g. wall / ceiling panels
Description	Oak veneer panel with Schotten & Hansen surface Other wood species are possible on request
Length	2820 mm Short lengths are possible
Width	390 mm Veneer widths vary according to veneer pattern
Thickness	approx. 16,5 mm (\pm 0,3 mm) Other thickness on request
Construction	0,5 mm sliced veneer top layer Multilayer construction: MDF exterior (moisture-resistant)
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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Omegna

Oak Edition 21

	light	medium	dark
Pebble Stone			
Oyster			
Linen			
Smoke			
Mocha			

Special colour possible on request.

Veneer Jointing Method

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)
2. Medium veneer selection	Solid wood character (width variation 160 – 260 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 border areas

Treatment

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



Ascona edge

Product	Veneer Panel
Product Name	Omegna

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.

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