

Veneered Wood Ceiling Panels - Modern



PRODUCT CHARACTERISTICS:

- Wood veneered acoustic ceiling tile
- Natural wood veneer
- Durable 16 mm MDF core material
- Lay in tile for T-24 grid
- Semi-exposed edge detail
- Individually demountable

Project : Smart Campus, Heerlen, the Netherlands
Product : Veneered Wood Ceiling
Architect: Van Eijk and van der Lubbe

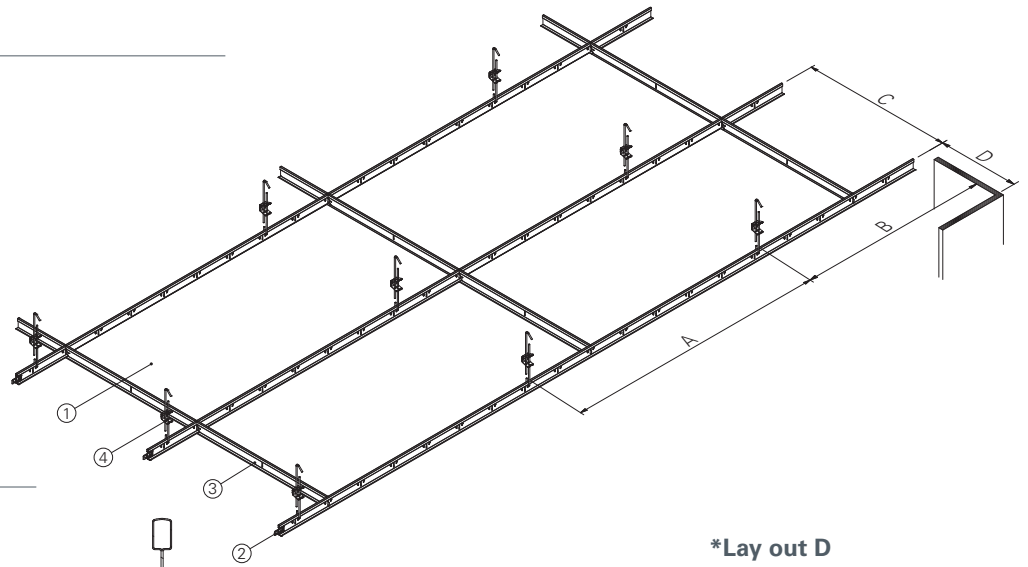
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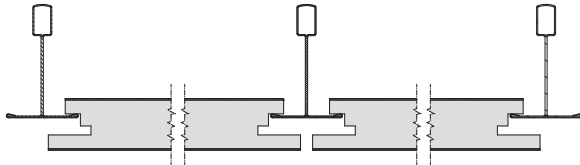
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SYSTEM OVERVIEW

1. Modern Ceiling Tile
2. QL 24-38 Main runner 3600 mm
3. QL 24-38 Cross runner 1200 mm
4. Quick hanger



TYPICAL SECTIONS



*Lay out D

MAXIMUM SPAN

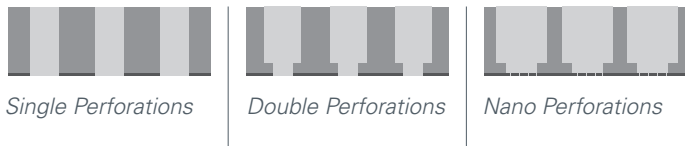
Modern Tile Panel size (LxW)	Lay out	Max. Main runner span		CTC Main runner	
		A	B	C	D
600 x 600 mm	C	1200	200	600	400
1200 x 600 mm	D*	1200	200	600	400
1800 x 600 mm	D	1200	200	600	400

MATERIAL PROPERTIES

- **Material:** 16 mm Medium Density Fibreboard
- **Toplayer:** Organic wood veneer, Engineered wood veneer, High Pressure Laminate, RAL painted
- **Sizes:** 600 x 600 mm, 1200 x 600 mm and 1800 x 600 mm.
Other sizes upon request
- **Weight:** ± 13 kg/m² (plain) or down to 10 kg/m² (perforated)
- **Fire retardant:** Up to class B,s1,d0 (plain) or B,s2,d0 (perforated)
- **Acoustic:** Up to α_w 0,95 / NRC 0,90 / SAA 0,90

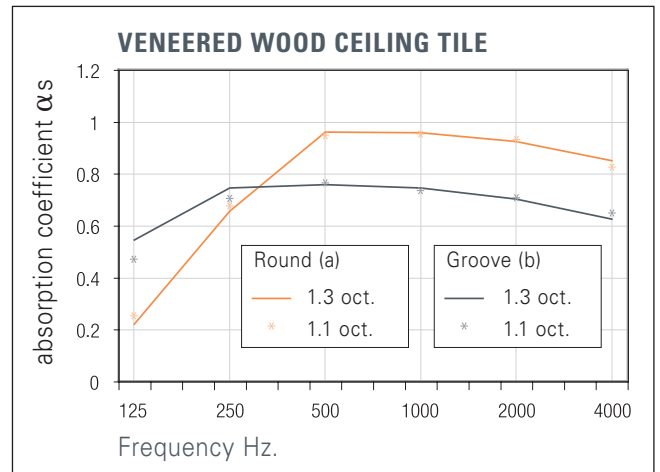
ACOUSTICS

Contact your sales contact for latest perforation patterns overview and acoustic performance



CERTIFICATIONS

- French VOC regulation class A
- E1 (EN 717-1)
- FSC NC-COC-016324



ROUND NANO-PERFORATION (a) α_w : 0.95 - NRC: 0.90

FREQUENCY (HZ)	125	250	500	1000	2000	4000
1/3 octave	0.14	0.47	0.90	1.00	0.96	1.00
	0.21	0.67	0.97	0.98	0.96	0.85
	0.35	0.89	1.00	0.96	0.98	0.62
1/1 octave	0.23	0.68	0.96	0.98	0.97	0.82

GROOVE PERFORATION (b) α_w : 0.75 - NRC: 0.75

FREQUENCY (HZ)	125	250	500	1000	2000	4000
1/3 octave	0.28	0.57	0.84	0.73	0.73	0.65
	0.57	0.76	0.77	0.76	0.71	0.62
	0.60	0.75	0.74	0.76	0.67	0.65
1/1 octave	0.48	0.69	0.78	0.75	0.70	0.64

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