

KNAUF

DESIGNBOARD WOOD

SL2, Channelled, Plank

Concealed Grid



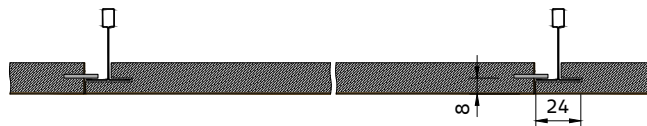
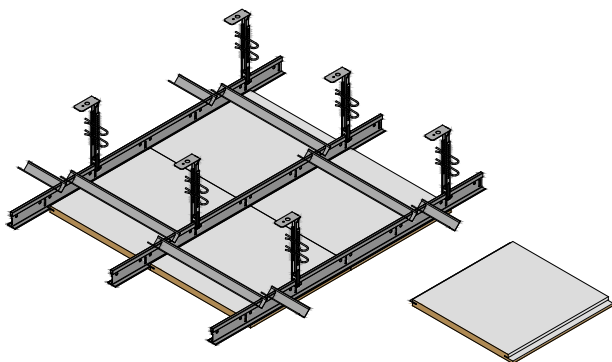
© Stephan Klunk Fotodesign

DESIGNBOARD WOOD Concealed Grid can be used in all areas of premium interior ceilings and walls, and is available in two gypsum fibreboard options, depending on the required reaction-to-fire class. The products are made of real wood veneer and lacquered on the visible surface.

- Create a continuous ceiling for a unique effect with a versatile range of tiles and planks
- DESIGNBOARD WOOD SL2 for an easy installation and service accessibility
- Range of patterns for acoustic performance
- Shape and dimension flexibility
- Low swelling and shrinkage when climatic conditions change
- Verified non-polluting carrier board
- Robust surface
- Used in a variety of spaces: Entrance halls, lounge areas, executive suites, lecture halls, auditoriums, meeting and conference rooms

Build on us.

DESIGNBOARD WOOD SL2



Tiles

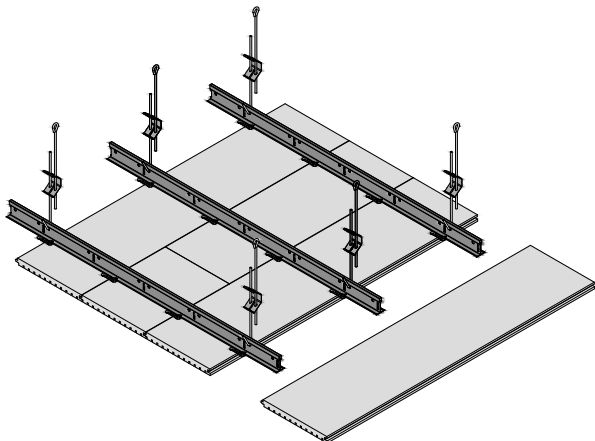
Material gypsum fibreboard with real wood veneer 16.4 mm
 Edge detail with black aluminium spline / kerf, with edge banding on all four edges
 Modules 600 x 600 mm, 1200 x 300 mm

Suspension system

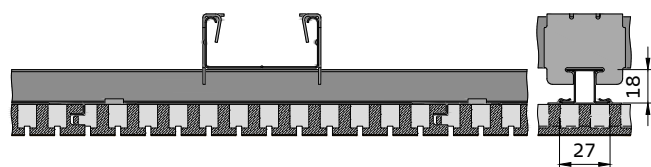
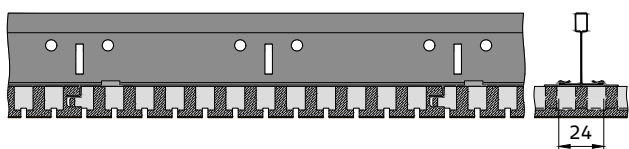
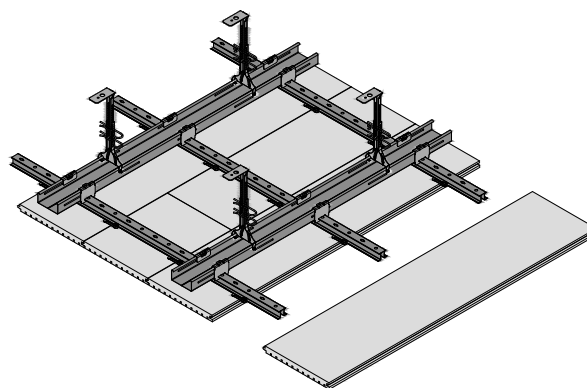
Standard 24 mm T-Grid Main Runner + spacer bar

DESIGNBOARD WOOD Channelled

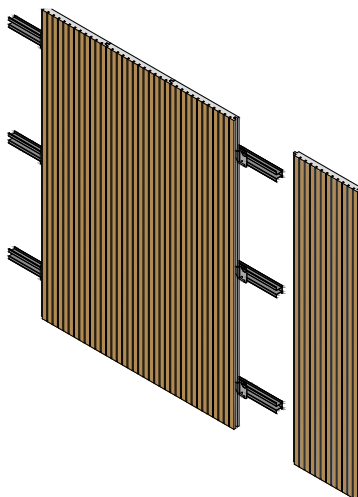
Ceiling installation option 1



Ceiling installation option 2



Wall installation



Planks

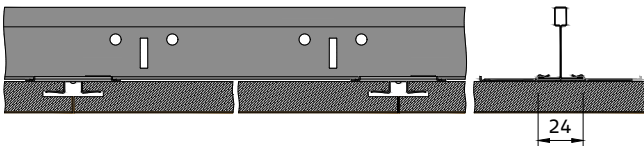
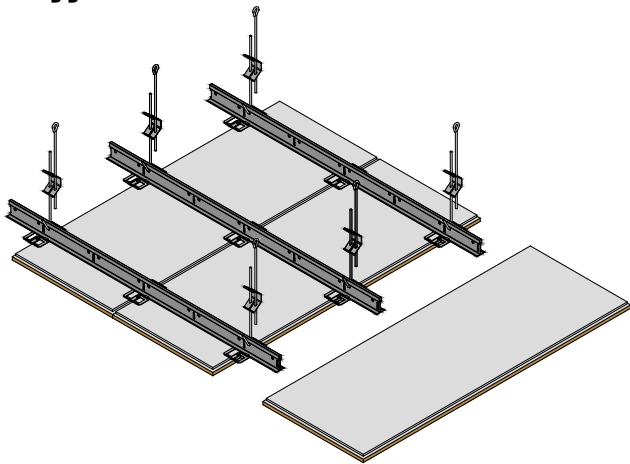
Material gypsum fibreboard with organic veneer 16.4 mm
 Edge detail tongue & groove on long edge
 Modules 2500 x 192 mm (further dimensions on request)

Knauf Design Fix System

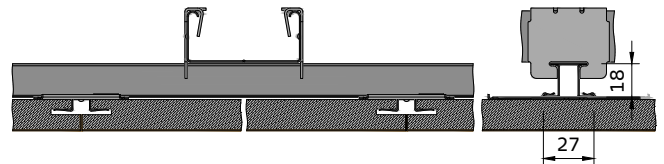
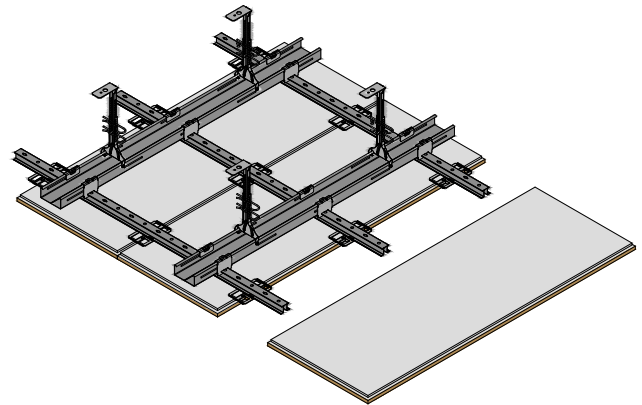
Ceiling installation
 option 1 with 24 mm T-Grid Main Runner
 option 2 with CD-Profile + Knauf Design Fix 18 mm Profile
 Wall installation with Knauf Design Fix 18 mm Profile (portrait or landscape orientation)

DESIGNBOARD WOOD Plank

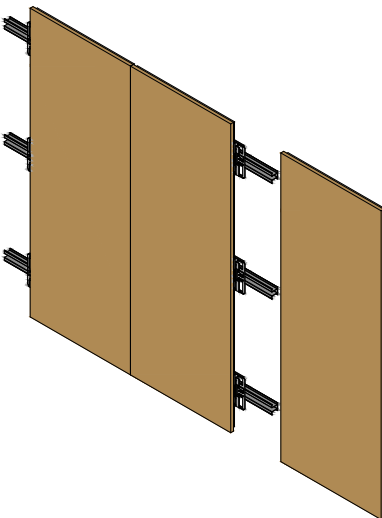
Ceiling grid installation 1



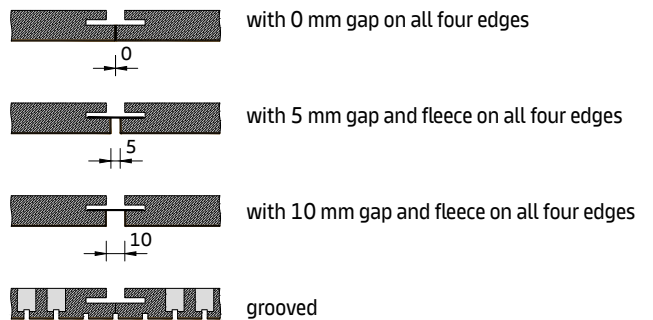
Ceiling grid installation 2



Wall installation



Plank options



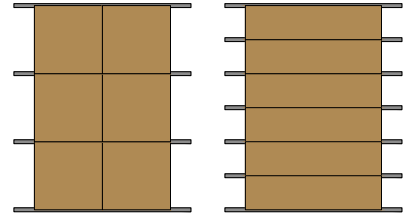
Planks

- Material gypsum fibreboard with organic veneer 16.4 mm
- Edge detail with edge banding on all four edges (except for grooved option)
- Module 2500 x 600 mm
2500 x 592 mm grooved option (further dimensions on request)

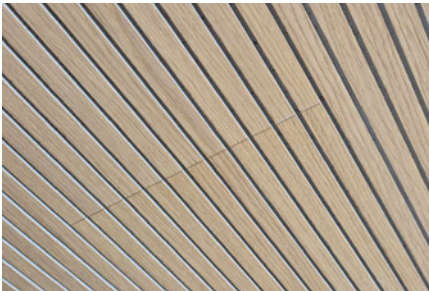
Knauf Design Fix System

- Ceiling installation
 - option 1 with 24 mm T-Grid Main Runner
 - option 2 with CD-Profile + Knauf Design Fix 18 mm Profile
- Wall installation with Knauf Design Fix 18 mm Profile (portrait or landscape orientation)

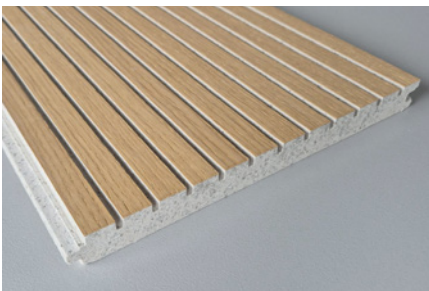
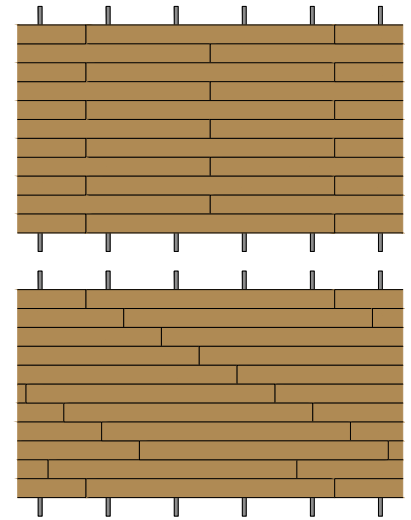
DESIGNBOARD WOOD SL2



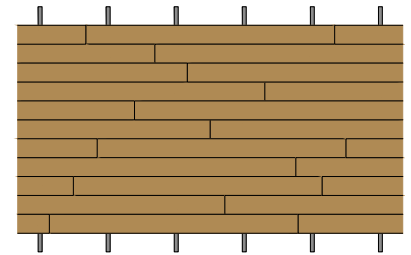
DESIGNBOARD WOOD Channelled



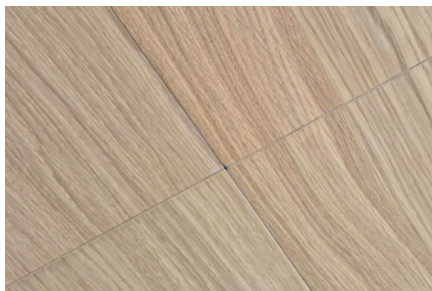
Staggered layout



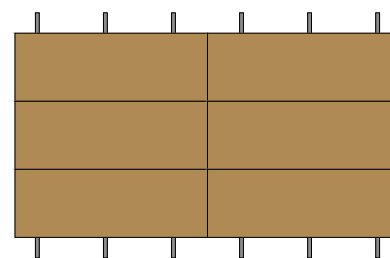
Random layout



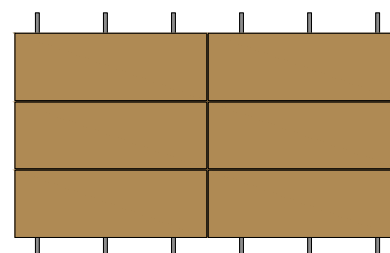
DESIGNBOARD WOOD Plank




with 0 mm gap



with 5 or 10 mm gap



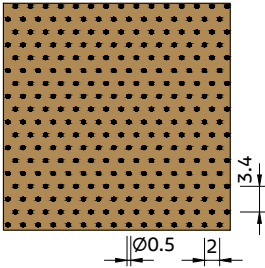
Acoustics 	EN ISO 354									
	α_w	Cavity [mm]	Class	Frequency f (Hz)						NRC
				125	250	500	1000	2000	4000	
Rv 0506 + acoustic fleece	0.55	65	D	0.15	0.25	0.55	0.80	0.65	0.60	0.60
	0.70(L)	200	C	0.35	0.75	0.90	0.70	0.65	0.65	0.75
Rd 1506 + acoustic fleece	0.35(M)	65	D	0.10	0.20	0.60	0.75	0.30	0.20	0.45
	0.40(LM)	200	D	0.35	0.70	0.80	0.55	0.40	0.20	0.60
Rg 5008 + acoustic fleece	0.45	65	D	0.15	0.25	0.40	0.50	0.45	0.50	0.40
	0.45	200	D	0.35	0.40	0.45	0.45	0.40	0.50	0.40
Rg 6513 + acoustic fleece	0.55	65	D	0.15	0.30	0.50	0.60	0.55	0.60	0.50
	0.55	200	D	0.40	0.50	0.60	0.50	0.50	0.60	0.55
Rg 8020 + acoustic fleece	0.55(H)	65	D	0.10	0.25	0.55	0.75	0.70	0.70	0.55
	0.65	200	C	0.45	0.60	0.75	0.65	0.60	0.70	0.65
Rg 10031 + acoustic fleece	0.45(MH)	65	D	0.05	0.15	0.45	0.80	0.75	0.65	0.55
	0.70	200	C	0.35	0.60	0.80	0.65	0.65	0.65	0.70
G 31612 + acoustic fleece	0.45(MH)	65	D	0.05	0.15	0.45	0.80	0.70	0.55	0.55
	0.80	200	B	0.35	0.65	0.80	0.60	0.60	0.60	0.80

α_w : as per EN ISO 11654 / NRC: as per ASTM C 423-01

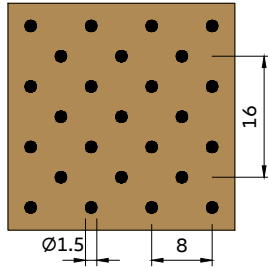
Patterns

For DESIGNBOARD WOOD SL2 / DESIGNBOARD WOOD Plank

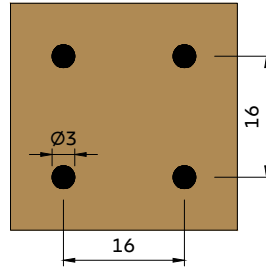
Rv 0506 (0.5 / 3.4-1 N)
6% open area



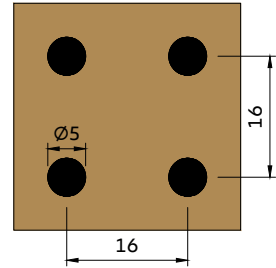
Rd 1506 (1.5 / 8-4 M) *
Rg 10031 on rear side,
6% open area



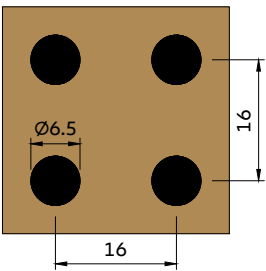
Rg 3003 (3-16 R) *
Rg 10031 on rear side,
3% open area



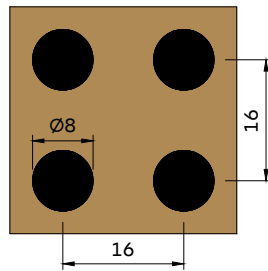
Rg 5008 (5-16 R)
8% open area



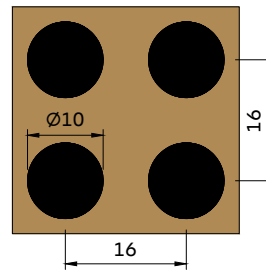
Rg 6513 (6.5-16 R)
13% open area



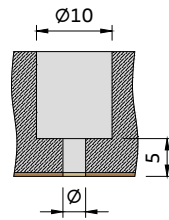
Rg 8020 (8-16 R)
20% open area



Rg 10031 (10-16 R)
31% open area



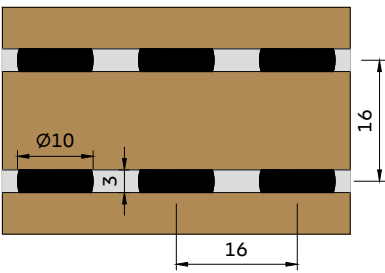
* double perforation



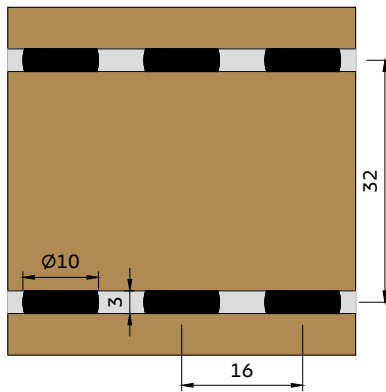
All round perforations are delivered with unperforated border of ≈30 mm, except Rv 0506 perforation.

For DESIGNBOARD WOOD Channelled / DESIGNBOARD WOOD Plank

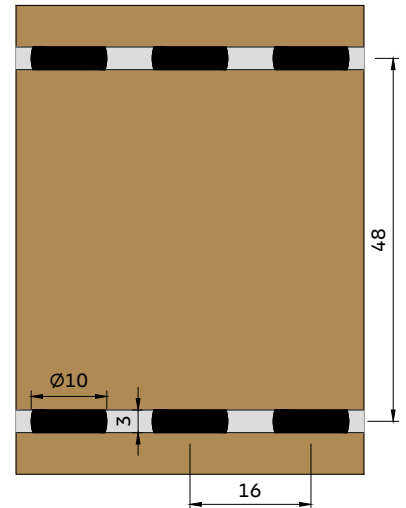
G 31612 (3-16 S)
Rg 10031 on rear side,
12% open area



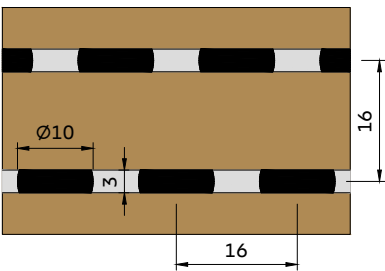
G 33206 (3-32 S)
Rg 10031 on rear side,
6% open area



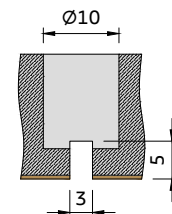
G 34804 (3-48 S)
Rg 10031 on rear side,
4% open area



Channelled planks with staggered holes



Groove detail



Grooves are running parallel to the long edge of the plank.

Real wood veneer options

Maple



Canadian Maple



Birch



Ash



Beech



Fir



Oak



Cherry



Bamboo



American Walnut





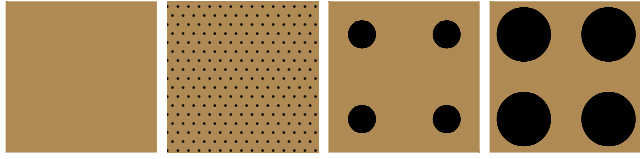
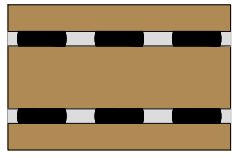
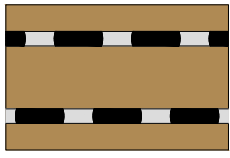










Walnut



Dark Oak



All veneers have a matt finish. Variation between wood veneer tiles may occur due to the natural characteristics of the wood and grain.

Characteristics	Detailed information	
Standard real wood veneers & Standard patterns 	 <p>Ash Oak</p> <p>American Walnut</p>	for DESIGNBOARD WOOD SL2 & Plank  <p>Unperforated Rv 0506 Rg 5008 Rg 10031</p> for DESIGNBOARD WOOD Plank  <p>G 31612</p> for DESIGNBOARD WOOD Channelled  <p>G 31612 (with staggered holes)</p>
Acoustic infills 	Black acoustic fleece	
Fire reaction 	DESIGNBOARD 230 WOOD: Euroclass A2-s1, d0 as per EN 13501-1 DESIGNBOARD 227 WOOD: Euroclass B-s1, d0	
Density gypsum fibreboard	≈ 1100 kg/m³	
Weight 	13.2 - 18.0 kg/m² the weight depends on the selected pattern option	
Humidity resistance 	Unperforated / perforated: 45 - 70% RH Rv 0506 perforation: 60% RH	
Thermal conditions 	min. 10 / max. 30°C	
Surface 	Abrasion resistance: Degrees 2E as per DIN 68861-2 Scratch resistance: Degrees 4B as per DIN 68861-4	
Indoor air quality 	 <p>A+ E1</p>	
Cleanability 		
Conditions of installation	DESIGNBOARD WOOD products should be unpacked and stocked flat in an environment that is closed and not humid. DESIGNBOARD WOOD products should always be moved with care. Before installation, it is recommended to remove the packaging and stack the products flat for 3 to 8 days in the room where they will be installed in order to stabilise the products in their future environment and conditions of use. Possible dimensional variations in a humid environment are those from typical wood-based products. The installation of DESIGNBOARD WOOD products should take place during the last phase of the job, in closed, and sometimes temperature controlled, rooms. No additional work potentially increasing the level of humidity in the room should be undertaken after the products are installed (concrete and plasterboards should be dry). DESIGNBOARD WOOD products should be installed in strict accordance with Knauf installation recommendations.	
Installation recommendations	DESIGNBOARD WOOD products are made with real wood veneers. As they are natural products, their colour and structure regularity cannot be guaranteed. In order to obtain the best decorative effect, we advise you to follow the points below: <ol style="list-style-type: none"> 1. Order all products at the same time 2. Display all the products before fitting 3. Arrange them aesthetically with regard to their shade and grain 4. Install the products accordingly With each order, it is recommended to allow for some extra pieces to accommodate for visual variations, as it will be very unlikely that similar looking products can be ordered later.	