

DESIGNBOARD 227 WOOD

FLAME RETARDANT:
REAL WOOD VENEERED GYPSUM FIBRE BOARD



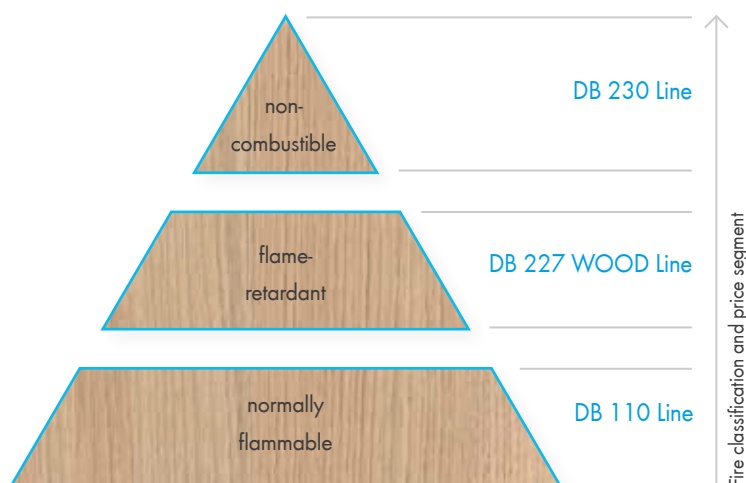
FUNCTIONAL, AESTHETIC, SAFE

Excellent room quality with DESIGNBOARD 227 WOOD

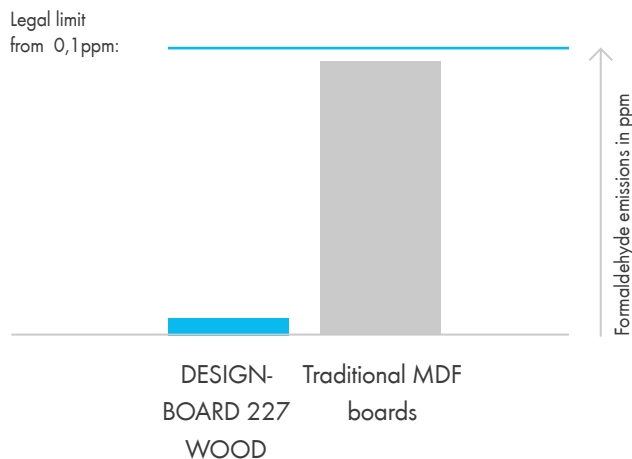
Thanks to the real wood veneered design surface DESIGNBOARD 227 WOOD, Knauf Design has created a surface solution for the indoor areas regulated by building authorities where fire resistant composite materials are required.

Compared to traditional wood-based boards, this offers a good alternative for indoor air quality areas that has also proven itself through consistent appearance and system safety.





Consistent design for all reaction to fire classes



DESIGNBOARD 227 WOOD as a good indoor air quality alternative to traditional MDF boards. The limit value for formaldehyde emissions from wood-based materials is many times undercut.



Features & advantages

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 › Flame retardant B-s1, d0 according to DIN EN 13501-1
- 
 › Eco-friendly core board is below the emission limit value. Formaldehyde and VOC emissions are below the limit values of all certificates (Leed, BREAM, French VOC, and German ChemVerbV).
- 
 › Sustainable gypsum fibre boards. Safe and harmless for the environment beginning from production to disposal.
- 
 › Excellent sound absorber

- › Good structural integrity by fire exposure
- › Low swell-shrinkage behavior when climatic conditions are changing



Soundproofing and high quality design surfaces with DESIGNBOARD 227 WOOD

DESIGNBOARD FIX

Consistency in design despite different reaction to fire classifications

The approved DESIGNBOARD FIX system ensures maximum flexibility. Thanks to the non-combustible fastening system for Knauf Design ceilings and walls as well as the

consistency in design of the Knauf DESIGNBOARD collections, boards with different reactions to fire can be easily combined with each other.

Features & advantages



› Tool-free connection to CD profiles with a clip assembly



› Quick and easy installation in 15 min/m²



› Consistent design for all reaction to fire classes. The same non-combustible fastening system for wall and ceiling: connection between DESIGNBOARD 227 WOOD (B-s1,d0) and DESIGNBOARD 230 WOOD is approved

› Substructure pre-assembly is possible

› Joints 0 – 10 mm

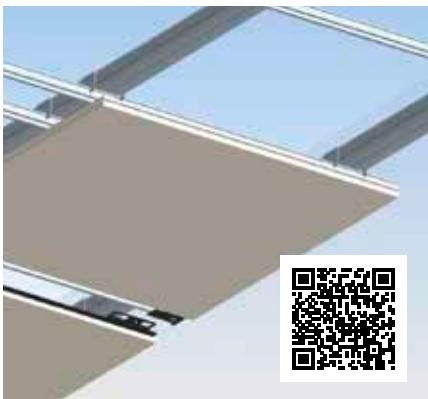
› Can be adjusted and meet building tolerances

› Sound deadening

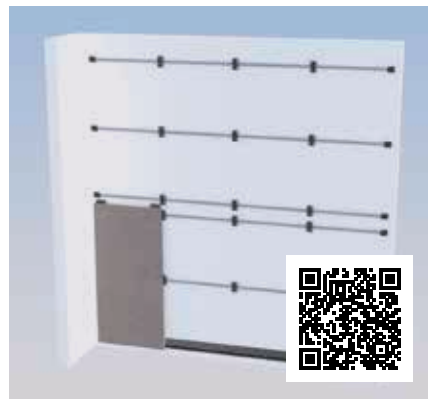
› Easy subsequent installation as an acoustic ceiling in the existing building

› Wide range of design & decor options

Ceiling area



Wall area



Scan the QR-Codes to watch animated videos of tool-free ceiling and wall installation. This clearly explains how quickly and easily to install walls and ceilings.



Ceiling and wall design consistency with the DESIGNBOARD FIX System

EXCELLENT ACOUSTICS

High quality acoustical wall absorber



Nano-perforation (N)



Micro-perforation (M)



Straight Slot (S)



Straight round perforation (R)

Further acoustic options are available on request

Features & advantages

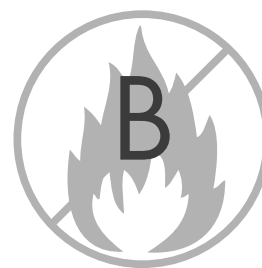
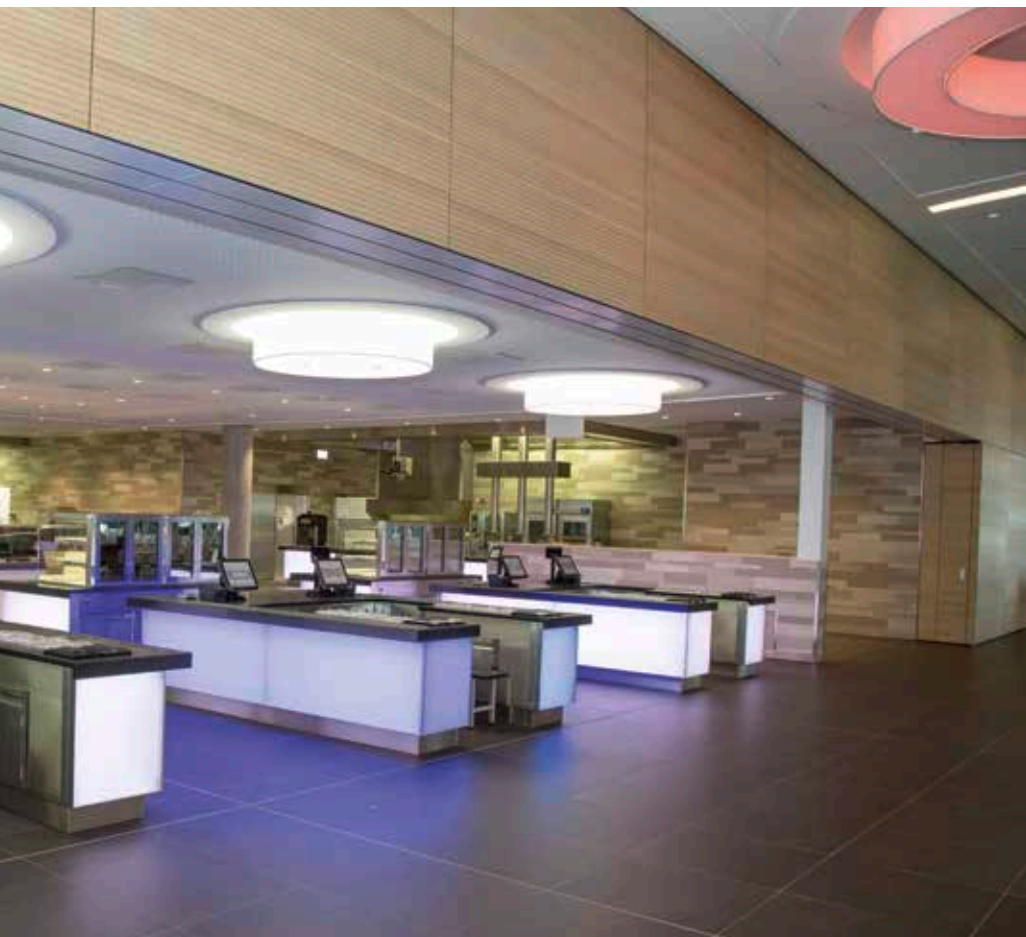


› DESIGNBOARD 227 WOOD can be combined with acoustic performance

› Many surfaces and acoustic options are available



Scan the QR-code for more information on acoustics!



B-s1,d0

flame retardant

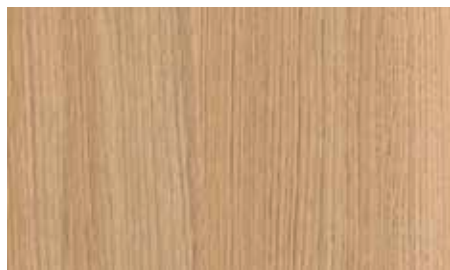





Scan the QR-code for more information on fire protection

High quality interior construction & design with DESIGNBOARD 227 WOOD

DESIGNBOARD 227 WOOD

For creative ideas with real wood veneer


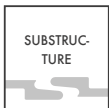
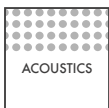


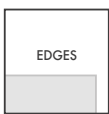
	
KD-0035-00-W Oak Select	KD-0045-00-W Maple Select
	
KD-0043-00-W Walnut Select	KD-0158-00-W European Ash

Further wood species on request

Features & advantages

› Veneer application at the factory, formatting and edge banding on request

› Robust & UV coated surface

 <div>STABILITY</div>	Durable with impressive stability	 <div>SUBSTRUC-TURE</div>	Tested substructure systems are available
 <div>ACOUSTICS</div>	Ideal for improving room acoustics	 <div>PACKAGING</div>	Important adjustments can be made
 <div>COATING</div>	Painting, surface structuring, coating or real wood veneering	 <div>EDGES</div>	Application of edge banding with approved Knauf Design edge systems



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Knauf Aquapanel
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Insulation Fittings

Knauf Bauprodukte
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Surface Expertise

Knauf Gips
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Floor Systems
Plaster and Facade Systems

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New Construction

Knauf Integral
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Wall and Ceiling

Knauf PFT
Machine Technology & Plant
Construction

Marbos
Mortar Systems for
Paving in Civil Engineering

Sakret Bausysteme
Dry Mortar for new Buildings &
Renovation