

McDonald's HUMAN COMFORT

ACOUSTIC CEILING SYSTEM





Detailed view



McDonald's Milano (Italy)



McDonald's Milano (Italy)

ACOUSTIC CEILING PANELS

KNAUF DESIGN is well known for its groundbreaking and creative ideas for finishing surfaces of a wide range of materials. We specialize in wall and ceiling cladding for largely design-oriented room concepts and spaces including McDonald's restaurants.

Our products prove themselves wherever uncompromising functionality, perfect acoustics, high-end aesthetics, consistent appearance and installation systems are required.

As a long-standing partner for construction industry professionals such as architects, interior designers, contractors, stakeholders and consultants, Knauf Design is a reliable system supplier.

We ensure maximum safety with regard to required quality, approval and feasibility.

IN HARMONY WITH ACOUSTICS -
PERFECT SOUND FOR OUTSTANDING SPACES

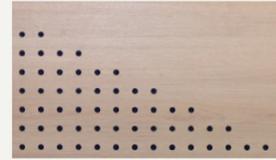
CONTENT

- › SUSPENDED CEILING SYSTEM Human Comfort HC-C01 04
- › MELAMINE BLACK FRAME 06
- › INSTALLATION 10



SUSPENDED CEILING SYSTEM HUMAN COMFORT HC-C01

TECHNICAL DATA

Product Name	Designboard HC-C01
Material	Gypsum plasterboard, printed
Length x Width	2390 x 1190 mm
Color	Sunday Oak 

ADVANTAGES

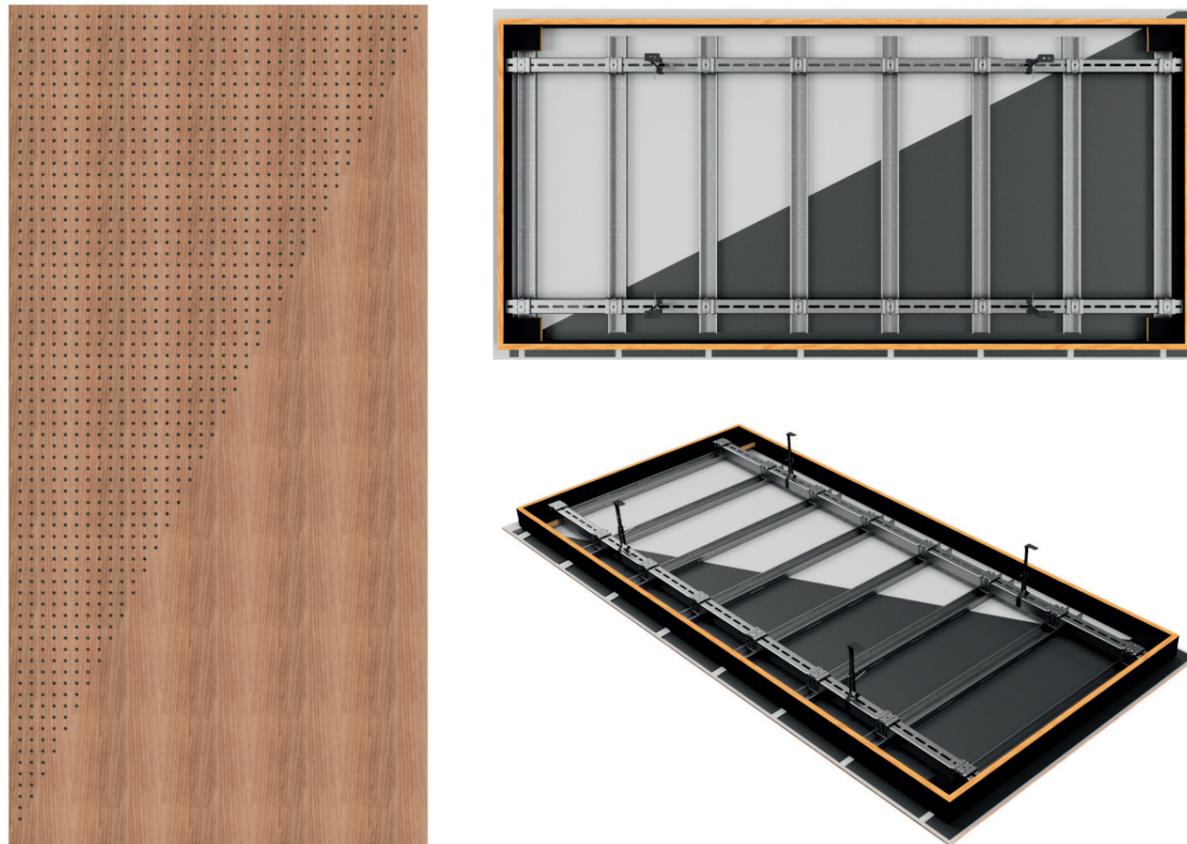
- > Effective sound absorption
- > Easy and fast installation
- > Fire rating core board

PROPERTIES

WOODEN LOOK

- > Decor similar to Resopal Sunday Oak 4080-EM
- > Partially pre-assembled components
- > Standard hanging system
- > Perforated panel

DESIGNBOARD HC-C01



TECHNICAL SPECIFICATION

Article	Components per board	Dimensions in mm (L / W / H)
Board		
Designboard HC-C01	1	2390 / 1190 / 10
Sub-construction		
CD-profile 60/27/06 pre-glued to the back of the board	8	1000/60/27
UA-profile 50/40/2	2	2250/50/40
UA with CD cross connector	16	
Nonius hanger bottom part in black	4	
Nonius hanger top part in black	4	
Nonius-Splint	4	

SPECIFICATION FOR HUMAN COMFORT HC-C01 CEILING TILE

General information

The ceiling system is a suspended ceiling.
Dimension: 2390 x 1190 mm.

System components

- Board, compliant to the design and technical specifications.
- CD-profile 60/27/06 pre-glued to the back of the board.
- Suspension components are included.

Interface to the ceiling

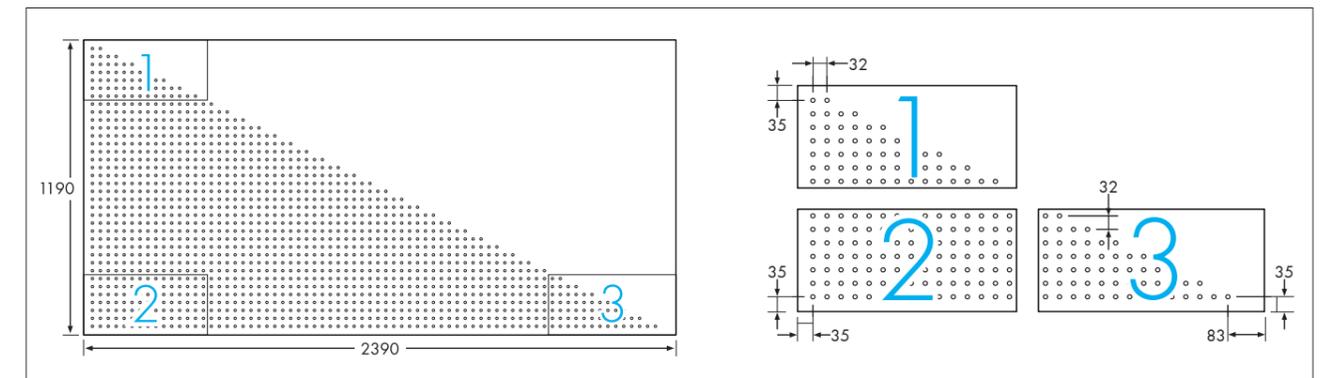
The project-specific connection to the ceiling and the wall must be carried out by the planner, architect or designer

Fire protection

A2-s1, d0, (B) according EN 13501-1

Sound absorption α_w

0,25 (calculated)



Designboard HC-C01 Detail



Designboard HC-C01 Installed view

Note

Project specific technical adjustments are not applicable.

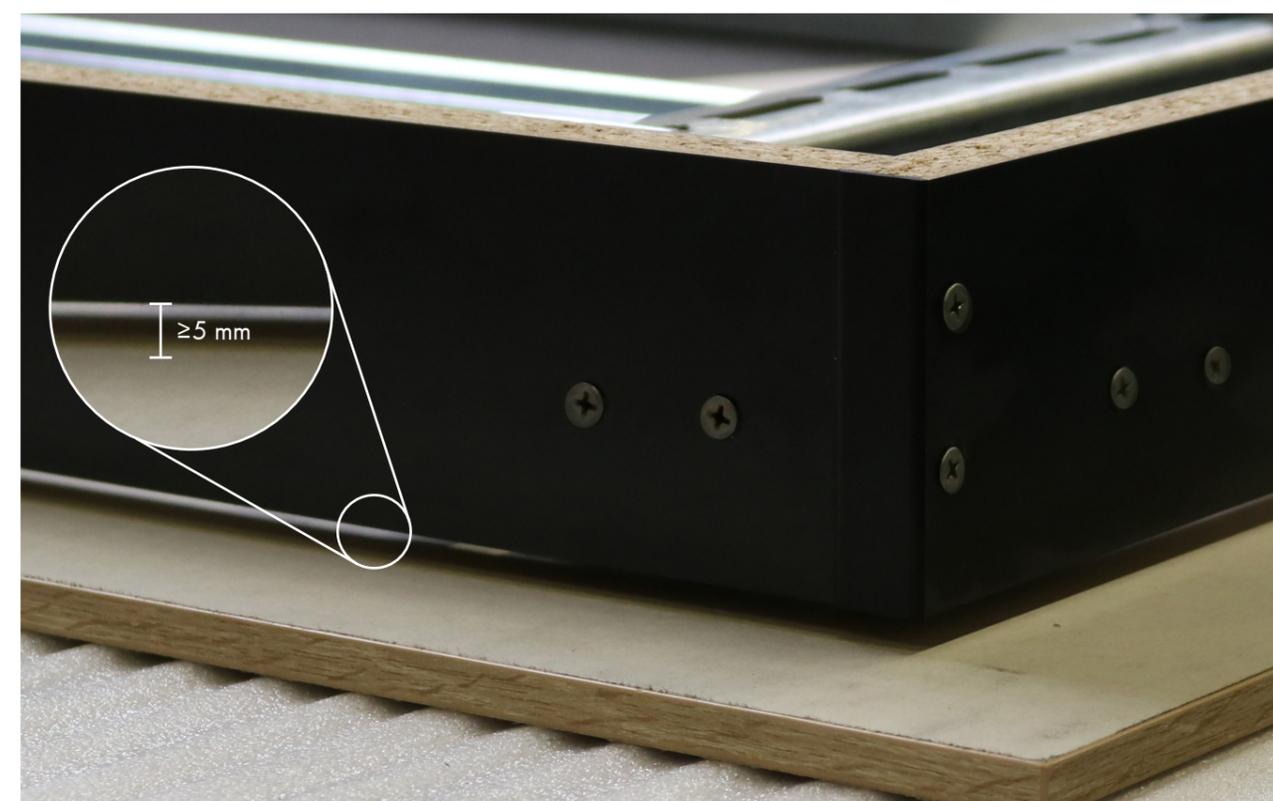
Payment terms: 100% advance payment.

Delivery terms: Ex Works Incoterms (EXW).

Our General Terms and Conditions apply to all offers and agreements.

ADDITIONAL SERVICE

BLACK MELAMINE FRAME TO FORM A HIDDEN SUB-CONSTRUCTION



TECHNICAL SPECIFICATION

Article	Components per board	Dimensions in mm (L / W / H)
Board		
Core board: Chip board	The number of elements depends on the ceiling planning (approx. 3 parts per board)	2290 / 80 / 19 mm
Surface: Black melamine		
Structure: MP Miniperl		
Accessories for fastening: Screws in black	1 pack (500 pieces) for all boards	3,5 x 50 mm (black)

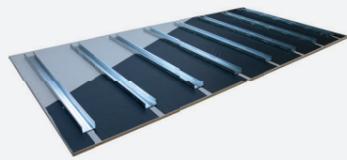
Note

Price for black melamine frame including accessories must be calculated on request.

HUMAN COMFORT INSTALLATION

SPARE PARTS

1 x Designboard HC-C01
incl. pre-glued CD-profiles 60/27/06



2 x UA-profile 50/40/2



16 x UA with CD cross connector



4 x Nonius hanger bottom part



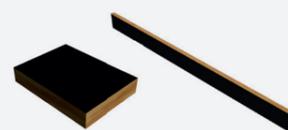
4 x Nonius hanger top part



4 x Nonius-Splint

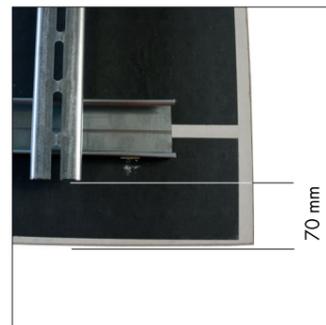
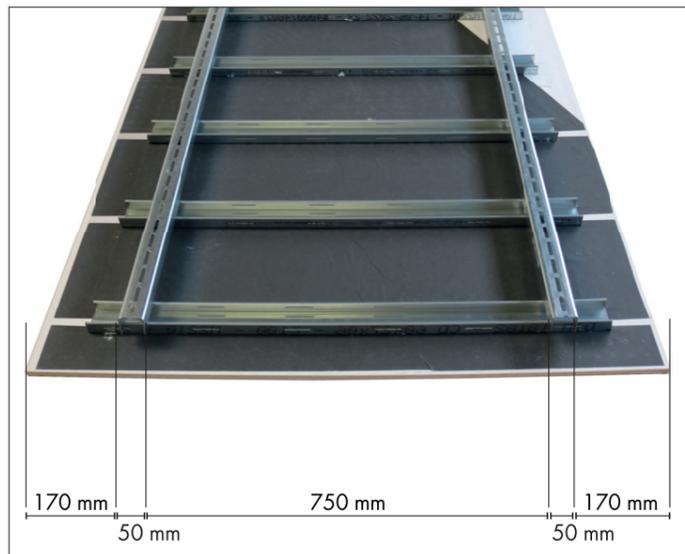


Optional: Black melamine frame



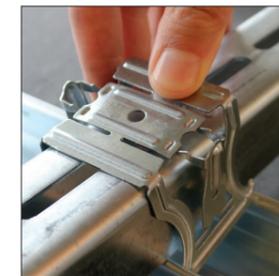
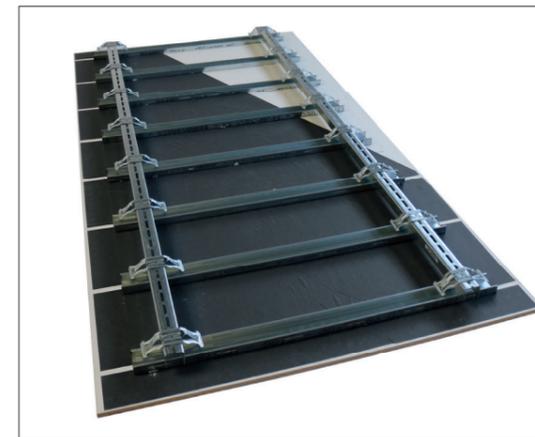
INSTALLATION GUIDELINE

1 Place and align the UA-profile on the pre-glued CD-profiles (170 mm from the edge of the board). Center the UA-profile on the CD-profiles (70 mm from the edge of the board).



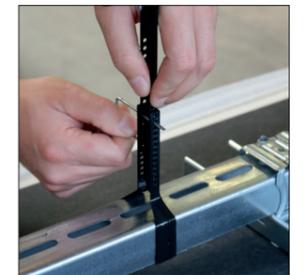
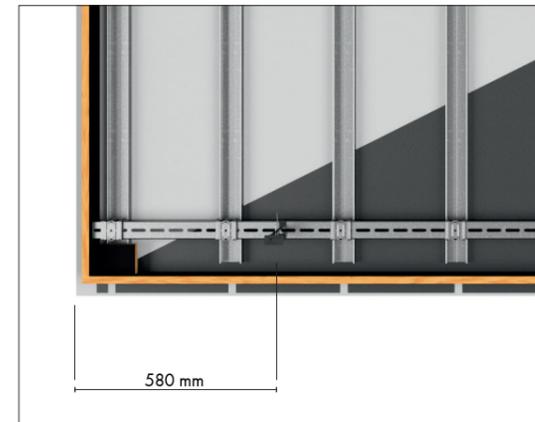
2

Place the cross connectors on top of the UA-profile and close them to fix the UA-profile with the CD-profiles.



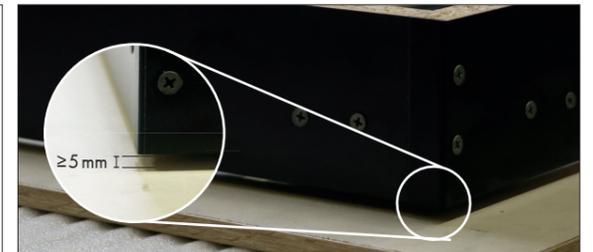
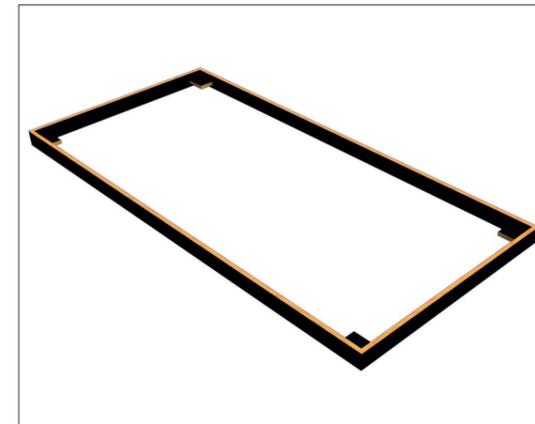
3

Place 4x nonius hanger bottom part (at the distance of 580 mm from the edge of the board), and fix the nonius hanger top part with the nonius-splint.



4

Connect the frame parts with the screws so that there is a gap ≥ 5 mm to the back of the board after installing the frame on the CD-profile.





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