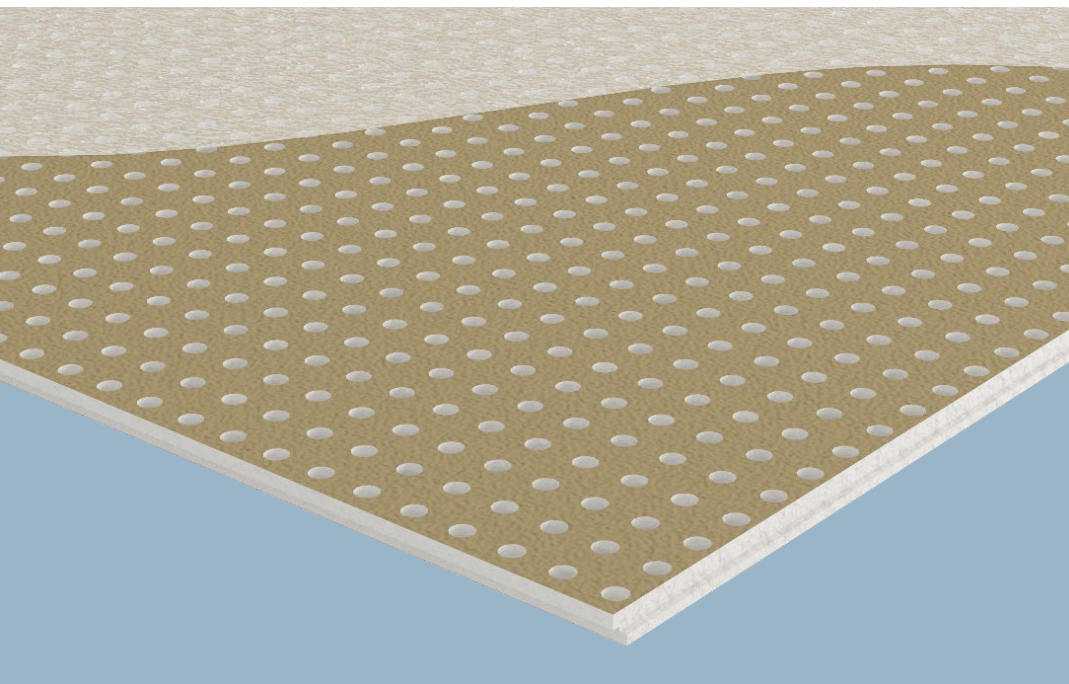


Note on English translation / Hinweise zur englischen Fassung

This is a translation of the product data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

Knauf Gips KG denies any liability for applications outside of Germany as this requires changes acc. to the respective national standards and building regulations.



Drywall Systems

K761L.de

Product Data Sheet

2021-01



Cleaneo linear

Perforated gypsum board with filler-free edge for sound absorption

Product description

Cleaneo linear is a perforated gypsum board compliant to EN 14190 with integral air-cleaning effect. The boards feature a fibre fleece lining in black or white on the rear. Without fibre fleece on request. The boards have a surrounding notch joint edge type (2 edges with notch and 2 edges with lap) for accurate application without joint filling. The face side board liner is bright white for direct coating. The precise board measurements enable efficient joint to joint application.

Storage

Store boards on board pallets in a dry environment.

Quality

In compliance with EN 14190, the product is subject to initial type testing and continuous factory production control and bears the CE marking.

Properties and added value

- Sound absorbing
- Continuous perforation for seamless visual effect
- Bright white face paper
- Off-the-shelf primed and bevelled edges
- Easy application
- Quick and precise application
- No filling of joints required on board edges
- Reaction to fire A2-s1, d0

Cleaneo Classic

Field of application

The main field of application for Cleaneo linear is the cladding of wall and ceiling systems for the improvement of room acoustics and sound absorption and/or for the individual room design respectively.

They are a perfect means to improve the indoor room climate due to their standard air cleaning effect.

Suitable for the following systems:

- Acoustic board ceilings
- Furrings with acoustical properties
(in areas not subject to impacts).

Technical data

Description	Standard	Unit	Cleaneo linear
Board type Germany	DIN 18180	–	Perforated gypsum board
Board type European	EN 14190	–	Procedures a), b), c), g)
Reaction to fire	EN 14190	Class	A2-s1, d0 (C.4)
Width dimensional tolerance	EN 14190	mm	+1 / -1
Length dimensional tolerance	EN 14190	mm	+1 / -1
Thickness dimensional tolerance	EN 14190	mm	+0.5 / -0.5
Angularity dimensional tolerances	EN 14190	mm per m board width	+2 / -2
Thermal conductivity λ (non-perforated board)	EN ISO 10456	W/(m·K)	Approx. 0.23
Shrinkage and expansion per 1 % change of relative air humidity	–	mm/m	0.005 – 0.008
Shrinkage and expansion per 1 Kelvin change of temperature	–	mm/m	0.013 – 0.020
Long term temperature exposure (max. limit)	–	°C	≤ 50
Density	DIN 18180	kg/m ³	Approx. 760
Flexural breaking load longitudinal direction (raw board)	DIN 18180	N	≥ 610
Flexural breaking load transverse direction (raw board)	DIN 18180	N	≥ 210
Board weight (raw board)	DIN 18180	kg/m ²	Approx. 9.5
Permissible bending radius, dry bending, concave and convex			
Standard Circular R	–	m	≥ 3
Square Perforation Q	–	m	≥ 3
Alternating Circular R	–	m	≥ 3
Permissible bending radius, moistened bending, concave			
Standard Circular R	–	m	≥ 2
Square Perforation Q	–	m	≥ 2
Alternating Circular R	–	m	≥ 2
Sound absorption coefficient	Refer to the following documents: <ul style="list-style-type: none"> ■ System data sheet D12.de Knauf Cleaneo Acoustic Board Ceilings ■ Technical brochure AK02.de Room acoustics with Knauf - Data for planning 		

Application

Application

Application in accordance with the relevant standards as well as the relevant system data sheet [D12.de Knauf Cleaneo Acoustic Board Ceilings](#).

Screw fastening

Screw fixing on CD channels with standard circular perforation 8/18 R, 10/23 R or 12/25 R using Cleaneo Caps R. For standard square perforation 12/25 Q using Cleaneo-Caps Q.

With standard circular perforation 8/18 R and square perforation 12/25 Q, use a double CD 60/27 on the front edges, see the Installation Guide [Cleaneo linear K761L-A01.de](#).

Alternative fixing with counter-sunk screws SN 3.5 x 30 mm.

Product range

Description	Width mm	Length mm	Thick- ness mm	Edges	Delivery weight kg/m ²	Fibre fleece lining	Packaging unit	Material number	EAN
Cleaneo linear 8/18 R 12.5	1188	1998	12.5	4FF	Approx. 8.1	Black	25 pieces / pallet	00146208	4003982208170
						White		00146210	4003982208187
Cleaneo linear 12/25 Q 12.5	1200	2000	12.5	4FF	Approx. 7.4	Black	25 pieces / pallet	00146218	4003982208231
						White		00146219	4003982208248
Cleaneo linear 12/20/66 R 12.5	1188	1980	12.5	4FF	Approx. 7.8	Black	25 pieces / pallet	00146220	4003982208255
						White		00146221	4003982208262

Required specifications for ordering

Fleece lamination

Sustainability and environment

Short description	Unit	Value
Requirements of the German AgBB-scheme	–	fulfilled
Complies with the requirements of the French emission class	–	A+
Environmental product declaration		EPD-KNA-20160142-IAG1-DE



Observe safety data sheet!

For safety data sheets and CE marking see pd.knauf.de



Videos for Knauf systems and products can be found under the following link:

www.youtube.com/knauf



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