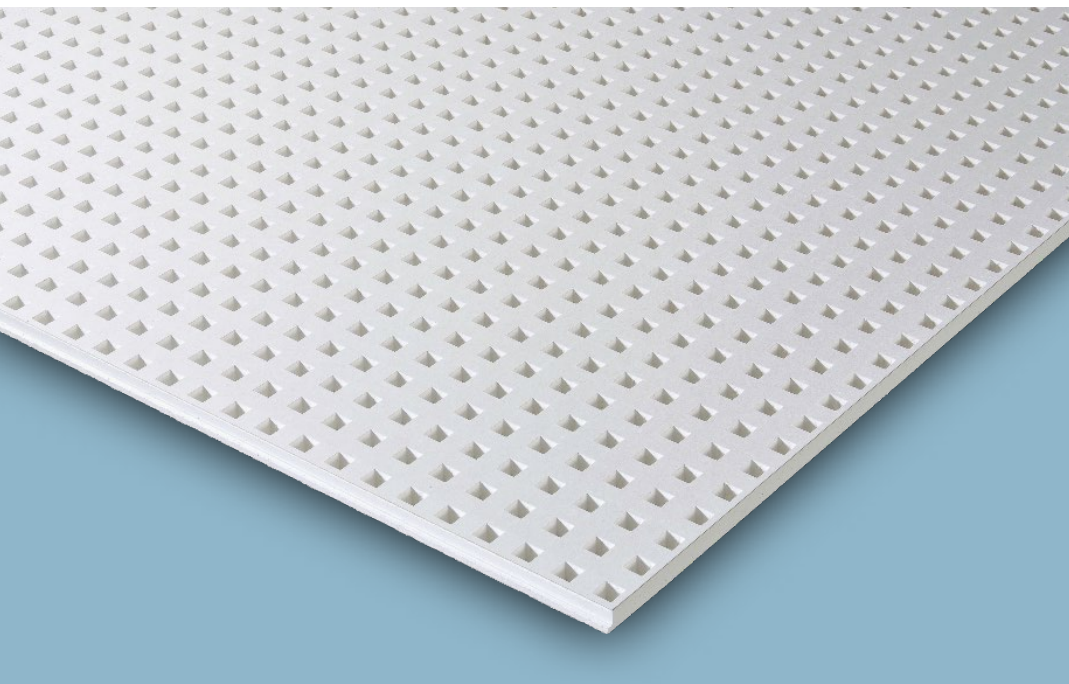


**Note on English translation / Hinweise zur englischen Fassung**

This is a translation of the technical 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.

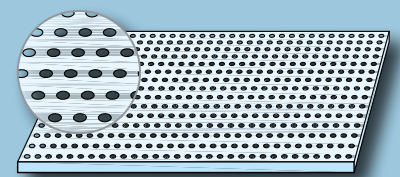


Drywall Systems

**K761L.de**

Product Data Sheet

2018-02



# Cleaneo linear

Perforated gypsum board with filler-free edge for sound absorption

## Product description

Cleaneo linear are perforated gypsum boards compliant to EN 14190 with integral air-cleaning effect. The boards feature a fibre fleece lining in black or white on the board 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. When applying boards abutting, the precise board dimensions automatically allow for the correct perforation spacing.

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

### 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.

Knauf Cleaneo Acoustic 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	Unit	Value	Standard
Board type Germany	–	Perforated gypsum board	DIN 18180
Board type European	–	Procedures a), b), c), g)	EN 14190
Reaction to fire	Class	A2-s1, d0 (C.4)	EN 14190
Edge types	–	4FF 	–
Width dimensional tolerances	mm	+1 / -1	EN 14190
Length dimensional tolerances	mm	+1 / -1	EN 14190
Thickness dimensional tolerances	mm	+0.5 / -0.5	EN 14190
Diagonal difference dimensional tolerance	mm	+2 / -2	EN 14190
Thermal conductivity $\lambda$ (non-perforated board)	W/(m·K)	approx. 0.23	EN ISO 10456
Shrinkage and expansion per 1 % change of relative air humidity	mm/m	0.005 – 0.008	–
Shrinkage and expansion per 2 Kelvin change of temperature	mm/m	0.013 – 0.02	–
Density	kg/m <sup>3</sup>	approx. 760	–
Flexural breaking load (non-perforated board without fleece) longitudinal direction	N	≥ 610	DIN 18180
Flexural breaking load (non-perforated board without fleece) Transverse direction	N	≥ 210	DIN 18180
Long term temperature exposure (max. limit)	°C	≤ 50	–
Sound absorption coefficient	–	See System Data Sheet Knauf Acoustic Board Ceilings D12.de	–
Board weight (non-perforated board without fleece)	kg/m <sup>2</sup>	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	–

### Application

#### Installation

Application in accordance with the relevant standards as well as the relevant System Data Sheet D12.de “Knauf Cleaneo Acoustic Board Ceilings” as well as the respective Assembly Instructions Cleaneo linear K761L-A01.de.

#### Screw fastening

Screw fixing on CD profiles with standard circular perforation 8/18 R, 10/23 R or 12/25 R with Cleaneo Caps (8/18 R in conjunction with furring channel CD 70/27) and for standard square perforation 12/25 Q with Cleaneo Caps Q (front edge joints of double furring channel CD 60/27). Alternative fixing with counter-sunk screws SN 3.5 x 30 mm.

Product range

Description	Width x length mm	Thick- ness mm	Delivery weight kg/m <sup>2</sup>	Fibre fleece lining	Packaging unit	Material number	EAN
Cleaneo linear 8/18 R 12.5	1188 x 1998	12.5	approx. 8.1	Black	25 pieces / pallet	00146208	4003982208170
	1188 x 1998	12.5	approx. 8.1	White	25 pieces / pallet	00146210	4003982208187
Cleaneo linear 10/23 R 12.5	1196 x 2001	12.5	approx. 8.2	Black	25 pieces / pallet	00146212	4003982208194
	1196 x 2001	12.5	approx. 8.2	White	25 pieces / pallet	00146213	4003982208200
Cleaneo linear 12/25 R 12.5	1200 x 2000	12.5	approx. 7.9	Black	25 pieces / pallet	00146215	4003982208217
	1200 x 2000	12.5	approx. 7.9	White	25 pieces / pallet	00146217	4003982208224
Cleaneo linear 12/25 Q 12.5	1200 x 2000	12.5	approx. 7.4	Black	25 pieces / pallet	00146218	4003982208231
	1200 x 2000	12.5	approx. 7.4	White	25 pieces / pallet	00146219	4003982208248
Cleaneo linear 12/20/66 R 12.5	1188 x 1980	12.5	approx. 7.8	Black	25 pieces / pallet	00146220	4003982208255
	1188 x 1980	12.5	approx. 7.8	White	25 pieces / pallet	00146221	4003982208262

Required specifications for ordering

Fleece lamination



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