

### 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.

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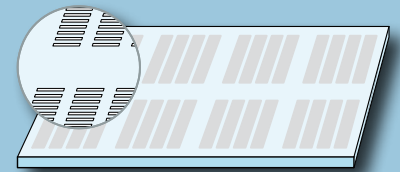


Drywall Systems

# K761B.de

Product Data Sheet

2020-02



# Cleaneo Slotline

Slotted gypsum board for acoustic absorption

### Product description

Cleaneo Slotline is a slotted gypsum board 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 feature a half-rounded long edge (HRK) as well as a bevelled cut face edges (SFK).

### Storage

Store 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
- Easy application
- Bendable

### Field of application

Cleaneo Slotline is primarily used for the cladding of wall and ceiling systems for the improvement of room acoustics and sound absorption and/or for the individual room design respectively.

Also a perfect means to improve the indoor room climate due to the standard air cleaning effect.

Suitable for the following systems:

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

# Cleaneo Classic

## Slotted gypsum board for acoustic absorption

### 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

Use counter-sunk screws SN 3.5 x 30 mm for fastening to CD channels.

### Technical data

Description	Standard	Unit	Value
Board type Germany	DIN 18180	–	Slotted gypsum boards
Board type European	EN 14190	–	Procedures a), b), c), g)
Reaction to fire EN 13501-1	EN 14190	Class	A2-s1, d0 (C.4)
Long edge types	–	–	HRK
Front edge types	–	–	SFK
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 tolerance	EN 14190	mm per m board width	+2 / -2
Thermal conductivity $\lambda$ (raw 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	–	kg/m <sup>3</sup>	approx. 760
Board weight (raw board)	DIN 18180	kg/m <sup>2</sup>	approx. 9.5
Flexural breaking load longitudinal direction (raw board)	DIN 18180	N	≥ 610
Flexural breaking load transverse direction (raw board)	DIN 18180	N	≥ 210
Permissible bending radius, dry bending, concave and convex	–	m	≥ 3
Permissible bending radius, moistened bending, concave	–	m	≥ 2
Sound absorption coefficient	Refer to the following documents: <ul style="list-style-type: none"> <li>■ <a href="#">System data sheet D12.de Knauf Cleaneo Acoustic Board Ceilings</a></li> <li>■ <a href="#">Technical brochure AK02.de Room acoustics with Knauf - Data for planning</a></li> </ul>		

SFK = bevelled cut edge

HRK = half-rounded edge

**Product range**

Description	Width x length mm	Thickness mm	Delivery weight kg/m <sup>2</sup>	Fibre fleece lining	Packaging unit	Material number	EAN
Cleaneo Slotline HRK B6 12.5	1200 x 2400	12.5	8.1	black white	25 pieces / pallet	00076189	4003982186065

**Sustainability and environment**

Short description	Unit	Value
The requirements of the German AgBB-scheme are fulfilled	–	fulfilled
Complies with the requirements of the French emission class	–	A+
Recycling share post-consumer	%	approx. 4
Recycling share pre-consumer	%	approx. 60
Origin of resources (Ø transportation distance) 30 %	km	approx. 20
Origin of resources (Ø transportation distance) 60 %	km	approx. 250
Environmental product declaration	EPD-KNA-20160142-IAG1-DE	



**Observe safety data sheet!**

For safety data sheet and CE marking see  
[pd.knauf.de](http://pd.knauf.de)



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▶ [knauf-direkt@knauf.com](mailto:knauf-direkt@knauf.com)

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**Knauf Gips KG** Am Bahnhof 7, 97346 Iphofen, Germany

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