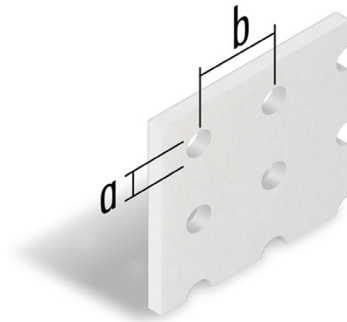


Product Data Sheet

Knauf Solopanel



A monolithic, seamless look can be achieved with Knauf Solopanel acoustic boards, suitable for walls and ceilings to create coherence in design, with a wide range of perforation choices.

Areas of Application

Screw fixing onto steel.

Compliance Standards

EN14190:2014

Key Benefits

- Available with a black or white acoustic fleece backing.
- Wall and ceiling mountable.
- No visible joints after finishing.
- Repaintable without the loss of acoustics.

Performance Data

Reaction to Fire (R2F)	Stability of Ceiling elements	Flexural Strength
A2-s1, d0	NPD	Pass

Ceilings Sound Absorption	
Perforation Type	Alpha-W (α_w) and Sound Absorption Class (@200mm suspension depth, with 20mm mineral wool)
G8/18	0.65 - Class C
G15/30	0.70 - Class C
Q8/18	0.75 - Class C
Q12/25	0.80 - Class B
G8/12/50	0.65 - Class C
G12/20/66	0.70 - Class C

For wall sound absorption values please contact technical-uk@knauf.com

Technical information

Dimensions & Weights									
Thickness (mm)	Width (mm)	Length (mm)	Edge Profile	Colour	Weight (kg/m ²)	Perforation Type	Perforation shape & size (mm)	Perforation (%)	Material Number
12.5	1200	2000	UFF	Unpainted, available with white or black fleece backing	7.4-8.4	G8/12/50	Circles - 8 & 12 c/c 50	13.1	611754 (Black)
12.5	1200	2000	UFF	Unpainted, available with white or black fleece backing	7.4-8.4	G8/12/50	Circles - 8 & 12 c/c 50	13.1	612611 (White)
12.5	1188	1998	UFF	Unpainted, available with white or black fleece backing	7.4-8.4	G8/18	Squares - 8x8 c/c 18	15.5	539622
12.5	1980	1188	UFF	Unpainted, available with white or black fleece backing	7.4-8.4	G12/20/66	Circles - 12 & 20 c/c 66	19.6	621357
12.5	1188	1998	UFF	Unpainted, available with white or black fleece backing	7.4-8.4	Q8/18	Squares - 8x8 c/c 18	19.8	539651
12.5	1200	2000	UFF	Unpainted, available with white or black fleece backing	7.4-8.4	Q12/25	Squares - 12x12 c/c 25	23.0	539661
12.5	1200	1980	UFF	Unpainted, available with white or black fleece backing,	7.4-8.4	G15/30	Circles - 15 c/c 30	19.6	621350

Sustainability

Recycled Content (Post)

Post-Recycled Content by weight – up to 4%

Recyclability

The product can be recycled, make sure it has no or minimal contamination from non-gypsum based materials as this will affect its recyclability.

Substances of very high Concern (SVHC)

At the time of publication, under REACH UK and REACH EU regulations this product contains no SVHC. For more information please consult the Safety Data Sheet.

Volatile Organic Compound Content (VOC)

At the time of publication, under REACH UK and REACH EU regulations this product contains no VOCs. For more information please consult the Safety Data Sheet.

Storage and Handling

No special education is required for safe handling. To be stored and used at temperatures below 50°C. Store indoors, in a clean and dry area on a level base protected from direct moisture with humidities of less than 70% RH. Wear clean cotton gloves when handling ceiling tiles to avoid fingermarks.

Packaging

Recycled cardboard wrapping, gypsum tile topper, FSC pallet, and recyclable PE shrink wrap around the pallet.

Service Life

60 years service life. Can withstand:

- constant RH 70% and 25°C
- periodic RH 90% and 30°C
- ambient temperatures of up to 50°C

Disposal/Repair

Dust should be removed using a dry duster or vacuum cleaner. Marks can be removed with a damp cloth. Disposal should be in accordance with local authority requirements. European waste catalogue code: 17 08 02 Gypsum based construction materials, keep apart from waste that comes under 17 08 01.

Health & Safety

Please refer to our Safety Data Sheet for guidance on Personal Protection Equipment required for the handling and installation of this product.

Application / Installation

For full installation instructions please see the installation guide on our website. Screw fix the boards onto an MF grid for ceilings, or for a wall, a wall liner system, ensuring the boards all face in the same direction and the screws are countersunk without damaging the cardboard surface. Use Knauf Uniflott for filling joints.

Additional Documentation

[Declaration of Performance UKCA](#)

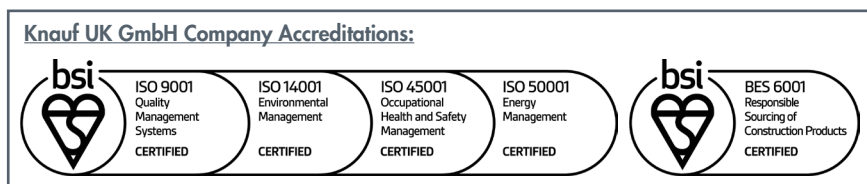
[Declaration of Performance CE](#)

[Safety Data Sheet](#)

Certification

[Environmental Product Declaration](#)

[Product Sustainability Credentials](#)



Customer Service

UK Tel: 0800 521 050
Eire Tel: 01 4620739
Email: cservice@knauf.com

Technical Service

0800 521050 (option 2)
Live Webchat 09:00 -17:00
technical-uk@knauf.com

Website

www.knauf.co.uk
www.knauf.ie

Address

Knauf
Kemsley Fields Business Park
Sittingbourne
Kent ME9 8SR

The information given in this publication is believed to be current and accurate as at the date of publication, but no warranty, express or implied is given. Updates will not be automatically issued.

© Copyright Knauf 2023

Creation Date: 25/10/2023
Revision Reference: 001
Revision Date: 25/10/2023

Build for the world we live in