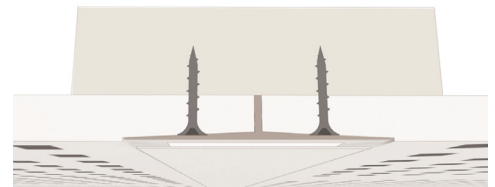


Product Data Sheet

Knauf Akustikpanel BQ8



Seamless acoustic boards for coherence between walls and ceilings, the Knauf Akustikpanel BQ8 can be curved to create acoustic shapes. Supplied unpainted, it is screw fixed to wood or steel and jointed and painted on site.

Areas of Application

Walls or ceilings, screw fixed to wood or steel.

Compliance Standards

EN14190:2014

Key Benefits

- Unpainted boards, available with a white, grey or black acoustic fleece backing
- Wall and ceiling mountable
- No visible joints after finishing
- Repaintable without the loss of acoustics

Performance Data

Performance Data		
Reaction to Fire (R2F)	Stability of Ceiling elements	Flexural Strength
A2-s1, d0	NPD	Pass
Ceiling Sound Absorption		
Perforation Type	Alpha-W (α_w) and Sound Absorption Class (@200mm suspension depth, with 20mm mineral wool)	
Quadril	0.60 - 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
1200	2400	12.5	TE	Unpainted, black fleece backing	10.2	Quadril	Square - 12x12 c/c 30	16	432102
1200	2400	12.5	TE	Unpainted, grey fleece backing	10.2	Quadril	Square - 12x12 c/c 30	16	432103
1200	2400	12.5	TE	Unpainted, white fleece backing	10.2	Quadril	Square - 12x12 c/c 30	16	432055

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

Wooden pallet, 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 ceiling system or Timber Batten Lining/I Stud Lining/Wall Liner, use Knauf Uniflott joint filler to fill the joints. Installed on wood (min. 60 mm furring) or steel (min. 50 mm furring).

The permissible bending radius of dry bending, for both concave and convex shapes is $\geq 3m$. The permissible bending radius of moistened bending, for concave shapes is $\geq 2m$.

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

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