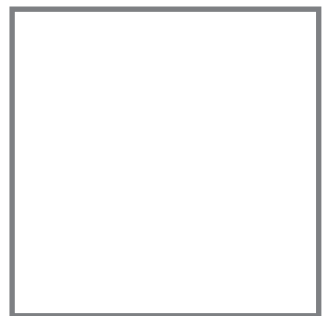
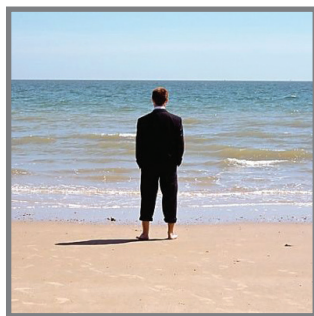
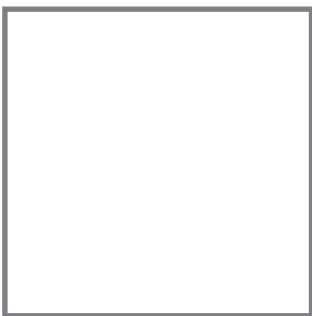


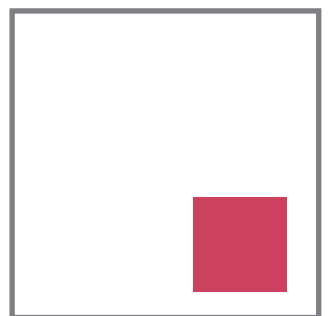
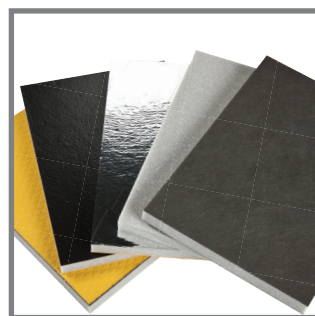


# BPI

BRAMMING PLAST-INDUSTRI A/S  
PureSound



**pure**sound  
*- enjoy the silence*



## PureSound

PureSound is a light-weight and self supporting PU-foam, which has excellent sound attenuation and sound absorbing properties. Furthermore PureSound is an excellent choice for thermal insulation, since it has a lambda value as low as 0,037 W/mK.

PureSound can be combined with heavy-layer materials, and laminated with different surface facings.

## Environment

PureSound is produced with the highest standards of environmental care. PureSound respects the environment already from foaming stage by using MDI-technology and no formaldehyde.

Since the material is both odour and fibre free, it can be processed and handled all the way to the end user without skin irritations or other inconvenience. Finally all waste material is recycled as bonded foam.

PureSound represents no known threat to the environment. It is 100 % free of CFC/HCFC and any other ozone depleting effects in its content and manufacture. PureSound is classified as Zero ODP\* and Zero GWP\*\*.

\*Ozone Depletion Potential, \*\* Global Warming Potential.

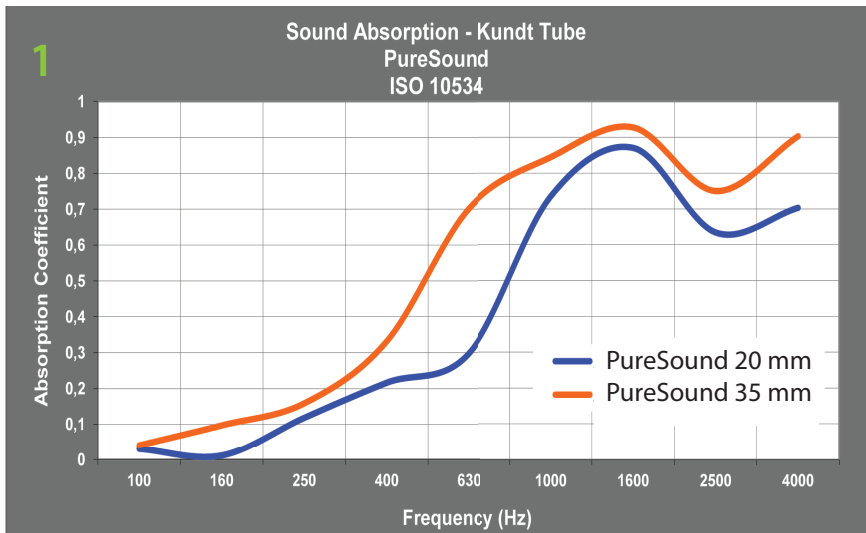
## Fire properties

- Flame-retardant and self-extinguishing foam
- Complies with the new European building directive EN 13501-1 class E
- Complies with the best rating of the automotive standard FMVSS 302 = NBR (No Burn Rate)
- Complies with the UL94 HBF test
- Chars in case of fire without dripping or flowing

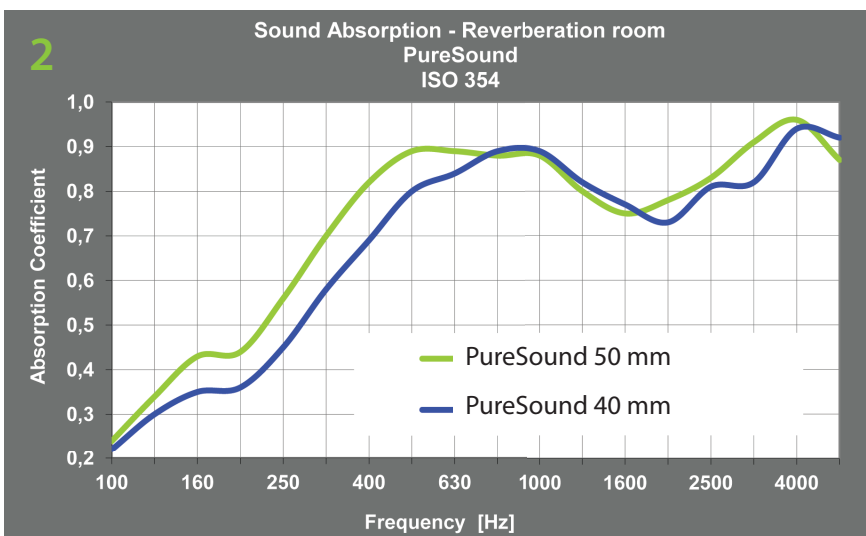
## Typical applications

- HVAC aggregates (Heating, Ventilation, Air-Conditioning)
- Transportation
- White goods/appliances and electronic devices
- Industrial machinery
- Office environments in form of partition walls and wall/ceiling panels
- Kindergarten and school environments

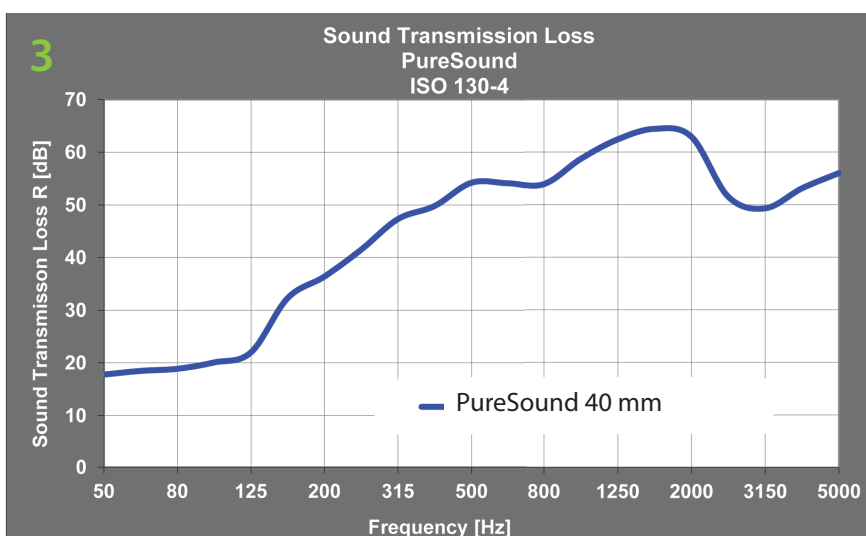
TECHNICAL SPECIFICATIONS			
Properties	Test standard	Unit	Specification
Density	EN ISO 845	kg/m <sup>3</sup>	14,0 +/- 2
Compression load deflection	EN ISO 3386/1	kPa	1,1 - 1,7 (25 %) 2,1 - 2,9 (40 %) 2,9 - 4,1 (50 %) 6,0 - 8,0 (65 %)
Tensile strength	ISO 1798	kPa	20 - 40
Elongation at break	ISO 1798	%	30 - 60
Operation temperature	Long term exposure Peak exposure 60 min.	°C	-30 to +100 -40 to +120
Thermal conductivity	EN 12667 -5 to +20 °C	W/mK	0,037 +/- 0,003
Flammability	EN 13501-1 UL 94 FMVSS 302 ISO 3795 DIN 75200	Class Class Class Class Class	E HBF NBR NBR NBR



**Diagram 1**  
Kundt Tube, ISO 10534  
The Kundt Tube test shows how well the PureSound is at absorbing sound, e.g. when encapsulating industrial machinery, ventilation aggregates etc.



**Diagram 2**  
Reverberation room, ISO 354  
The Reverberation room test shows that PureSound is an excellent choice for improving the acoustic environment in offices, kindergartens etc.



**Diagram 3**  
Sound Transmission Loss, ISO 130-4  
The Sound Transmission Loss test proves that you can get an excellent airborne sound insulation by using PureSound.

The diagram shows a test of a sandwich construction with 2 x 12.5 mm plasterboard/50 mm U-profile with 40 mm PureSound/ 2 x 12.5 mm plasterboard.

# From entrepreneur to modern company

Bramming Plast-Industri A/S was founded in 1971 by a young entrepreneur, who was fascinated by the innovative and value adding properties of foam.

This pioneer spirit is still an important part of BPI's culture, and with it, the company is today solidly consolidated and has grown both organically and staple since the start in 1971; BPI has turned into a modern and professional company.

## Unique solutions with foam

We select, develop and create a unique selection of foam and integrated materials through unique combinations of processes and equipment to comply with the demands of unique customers. We provide service wherever it is needed.

We have 500 specialists to service customers in more than 20 countries. We have offices and sales staff in 3 countries and have production facilities in 2 countries.

## Mission

To inspire and participate in developing, designing and producing advanced customized solutions in foam and rubber materials. We take pride in providing eco-friendly products in high quality and on time.

## Vision

We want to be Europe's most innovative and preferred partner.

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