



# Acoustic-Lightboard® Technical Datasheet

Perforation: Random 1.0



... when it matters!

## Scope of application and properties

- Excellent sound absorption
- Weight savings up to 70%
- Dimensionally stable
- Variable applicable
- Wall, ceiling, partitions and furniture
- Suitable for all suspended ceiling systems
- Acoustical ceiling-systems
- Design-objects

Some options include:

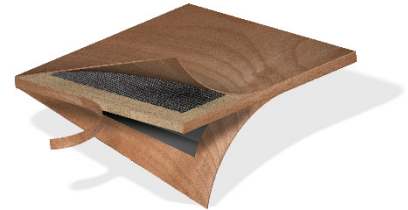


Internal acoustical fabric is made from environmentally friendly materials

## Technical properties

### Common

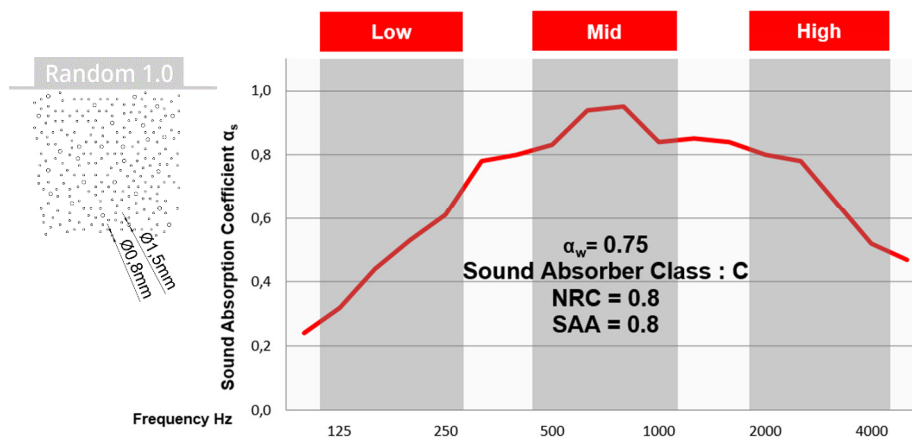
Dimensions (max.):	3000 x 1550 mm
Special dimensions (max.):	4000 x 1250 mm
Standard thicknesses:	19 or 16 mm (other thicknesses on request)
Weight:	approx. 7 kg/m <sup>2</sup>
Core material:	Honeycomb structure with acoustical fleece
Honeycomb:	18 or 15 mm (optional)
Frame construction:	Perimeter frame – 25 or 50 mm (Other widths on request)
Edgebanding:	0.6 mm, 1 or 2 mm wood veneer, 1 or 2mm ABS. Groove-, rabbet and mitre millings on request



Final dimensions can be according to architect's designation. Custom ceiling clouds and radius panels for your specific applications are available.

### Surfaces

Types:	Front and back with HPL, wood veneer (natural or stained), custom lacquer finishes or raw HDF – finished sanded.
Finishes:	Clear catalyzed water borne lacquer. Silk matte sheen. Optional sheen on request.
Overlay thickness:	2 mm (0.5 mm veneer / 1.5 mm HDF-Board)   0.8 mm HPL
Front:	Microperforation 1.5 and 0.75 mm – up to 63,930 holes per m <sup>2</sup>
Back:	RU 0510-perforation with internal acoustical non-woven lamination
Open perforated area:	3 %



Winner of  
interzum award  
best of the best

Through the combination of the finest stamping technology and the small-meshed honeycomb structure of the core Acoustic-Lightboard® products offer superior sound absorption properties.

## Note

All test certificates, test reports and other technical information on request.

Our application of technical recommendations in written and spoken that we used to support the buyer/processor based on our experience, according to the current state of knowledge in science and practice, are not binding and shall not establish a legally valid contractual relationship, and no addition to obligations under the purchase contract. You do not absolve the buyer from our products for their suitability for their suitability for the intended purpose to examine themselves.