

# Bondal ER

## Description

**Bondal ER is our solution to combine construction born damping and in one light weighted and very rigid panel.**



Less weight  
More possibilities

## Weight reduction

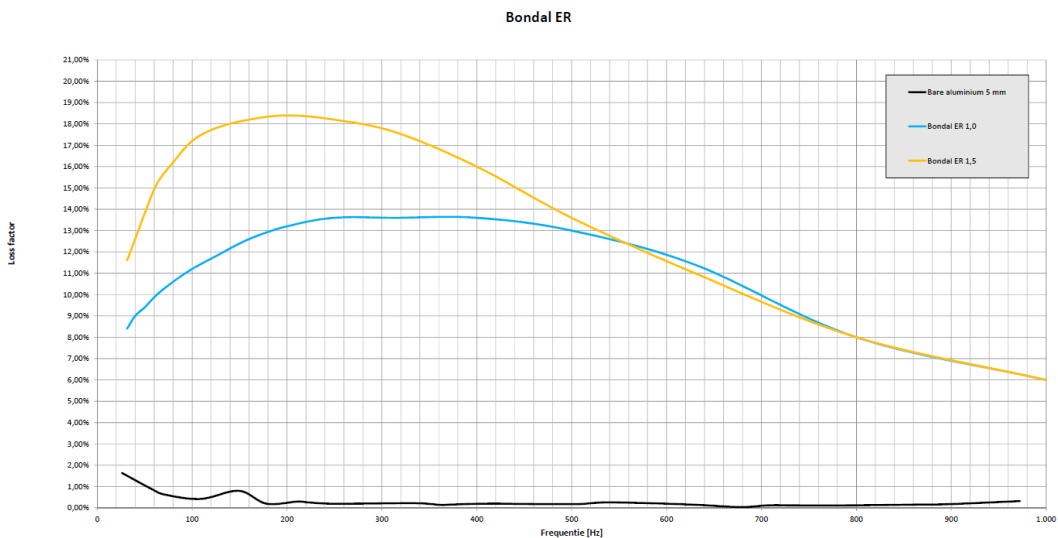
With a weight of approx. 6,1 kg per m<sup>2</sup> is it easily to use large dimension panels. The rigidi of panel also makes it easy to work with a low number of support frames behind the panel. A support distance of 1.250 mm is possible.



Less noise  
More comfort

## High damping

Due to the unique combination of a high rigid core and our damping system on top, we are able to realize an impressive damping. The results are mentioned in the graphic below.



Free hanging test by Van Cappellen Consultancy



Less Work  
More results

### Quick and Easy

Due to the high rigidity of the panel Bondal ER only needs a few support points to guarantee a nice and flat assembly. Due to the possible dimensions a large surface can be covered with one panel.



Less vibrations  
More Layers

### Material

Bondal ER Panel is an aluminium sandwich panel... Due to the aluminium honeycomb core an extraordinary stability can be combined with a very low weight. The added thin anti drumming layer guarantees the high damping.

### HexaDamping Panel properties

Material	EN AW 5754
Dimension	Maximum length 3.000 mm Maximum width 1.250 mm
Thickness	Up to 40 mm.
Bending stiffness	15.000 kNcm <sup>2</sup> /m
Environment	Recyclable.
Coating	On request
Weight	6,1 kg/m <sup>2</sup> in case of 7 mm thickness.
Certification	On request, material non-combustible



Less products –  
more applications

### Applications:

- Ceilings
- Cabins
- cladding
- Enclosures
- And many more

