

Soundac® Damping Beam

Anti-drumming ribs for thick steel structures

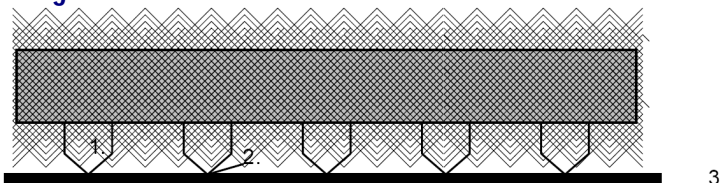
Soundac® Damping Beams are specially developed to reduce vibrations in steel or aluminium structures with a thickness of more than 5 mm. The Soundac® Damping Beams can be welded to the structure.

The Damping Beams are effective in reducing the resonances by reducing the movement of the sheets. The Damping Beams convert the vibrations to a very small amount of heat.

Description

The Soundac® Damping Beams consist of a 1 meter long U-profile which is filled with a viscoelastic damping material. In this damping material 10 to 20 individual legs are placed without making any contact with the U-profile. The legs can be welded to the steel or aluminium structure.

Design

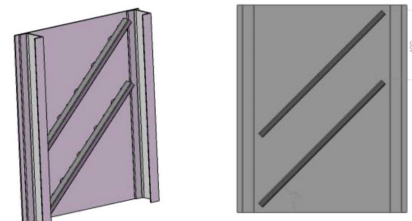


1. individual leg
2. weld
3. vibrating structure

Properties

- Anti-drumming
- Thick steel structures
- Steel or aluminium
- Easy to convert

Converting



The Damping Beams are fixed under a 45 degrees angle with about 400 spacing between the Beams. The required Beams is approx. 2 pieces per square meter.