straviwood
by CDM Stravitec

Straviwood ModuBreak
Datasheet

The resilient pads, Straviwood ModuBreak, have been specially designed to acoustically decouple stacked modular building parts of CLT, minimizing flanking sound transmissions, improving the vibration and structural noise isolation thanks to a decrease of stiff contact between modules throughout the building.

BENEFITS

- Ideal for decoupling of CLT modular constructions
- Suited for all wood-based materials
- No additional tooling required for correct installation
- Material range with high load capacity, offering a wide range of workloads
- Excellent long term behaviour (low creep / differential deflection)
- Standard thicknesses of 1/2'' (12.5 mm), 13/16'' (20 mm), and 1'' (25 mm)
- Can be designed to meet natural frequencies between 10 Hz and 25 Hz
- Can be manufactured in a variety of dimensions to accommodate acoustic design loads up to 1450 psi (10 MPa)
  Service life greater than 50 years
- Quick and easy to install

In order to specify the correct Stravilink ModuBreak solution our engineers will need to know the required acoustic performance, contact area, and possible dead and live loads.

If necessary this system can work in parallel with special resilient fastening systems, as Straviwood ModuLink, to reinforce the lateral stiffness of the isolated modules.

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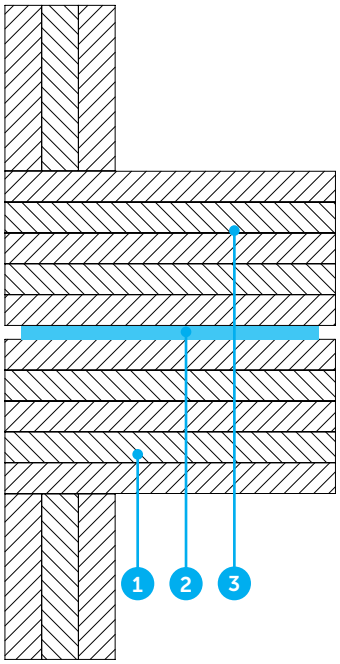
TYPICAL ASSEMBLIES



1. CLT module
2. Straviwood ModuBreak
3. CLT module

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