



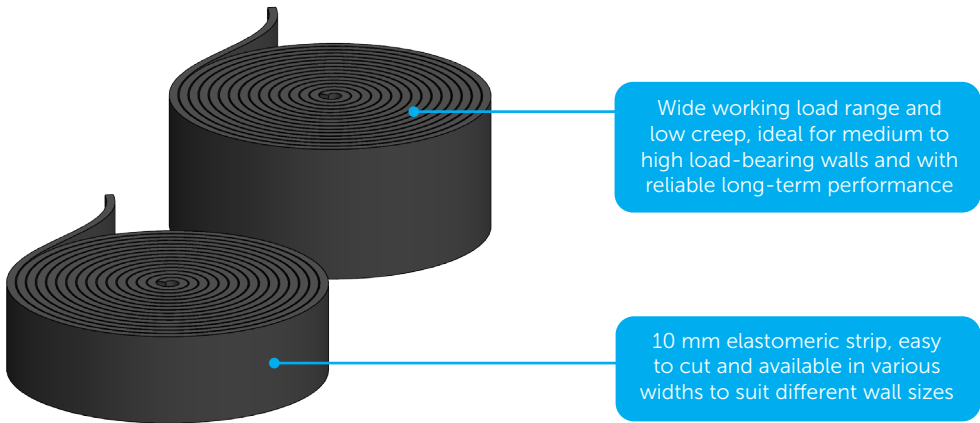
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Stravilink WallStrip Datasheet

Stravilink WallStrip is a resilient strip specifically designed to reduce flanking transmissions in load-bearing walls, enhancing both vibration and structural noise isolation by limiting unwanted noise transfer throughout the building.

BENEFITS

- Supports heavy loads, accommodating a broad spectrum of structural and dynamic demands
- Optimized balance between flexibility and rigidity, adapting effectively to both static and dynamic conditions
- Enhances structural integrity by minimizing crack formation, particularly microcracking from differential structural movement
- Highly resistant to alkaline environments, ideal for direct contact with wet concrete
- Strong adhesion to substrates like gypsum and concrete, thanks to its textured surface, contributing to superior lateral stiffness
- Outstanding long-term performance, with minimal creep
- Fast and straightforward installation process
- Easy to cut
- Can be mounted at the wall base and head for full perimeter isolation
- Can be combined with Stravilink RHD, resilient head detail, to decouple the wall head from the overhead structure while offering lateral stability



PACKAGING

Type	Reference	Dimensions [mm]	Unit	Weight per Unit [kg]
Stravilink WallStrip-130	000723	10.000 x 130 x 10	roll	9.23
Stravilink WallStrip-200	001104	10.000 x 200 x 10	roll	14.2

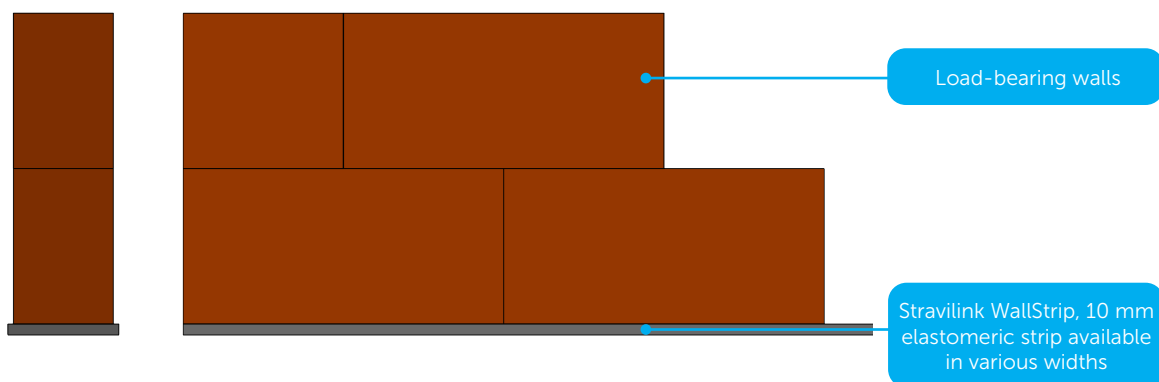


PHYSICAL & MECHANICAL PROPERTIES

Load Range [MPa]	Deflection Range [mm]	Thermal Conductivity [W/m°C]	Reaction to Fire		Density [kg/m³]
		According to EN 12667	According to EN 13501-1	According to DIN 4102	According to ISO 845
0.01-0.2	0.08-1.4	0.13	Class E	Class B2	710

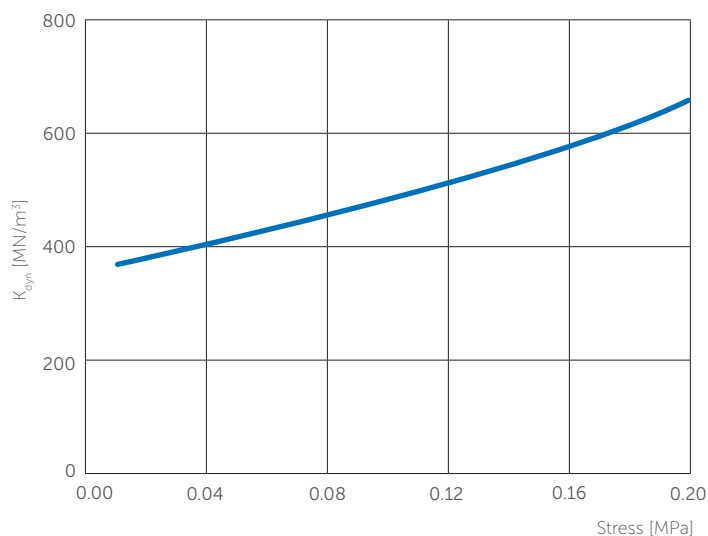
Notes:

- The temperature range of use is between -30 and 70°C.
- In order to specify the correct Stravilink WallStrip solution our engineers will need to know the required acoustic performance, wall type and dimensions, and possible live loads.
- If needed, the system can be paired with resilient wall ties like Stravilink WH to improve lateral stability and resistance to external loads.

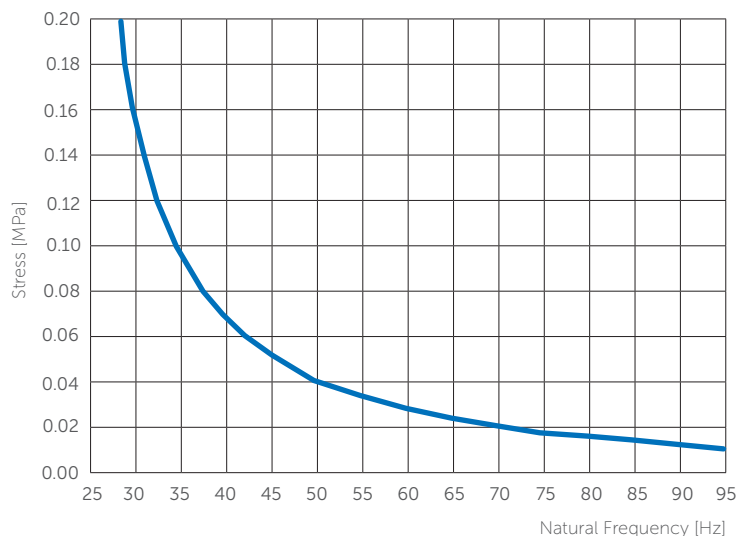


PERFORMANCE GRAPHS

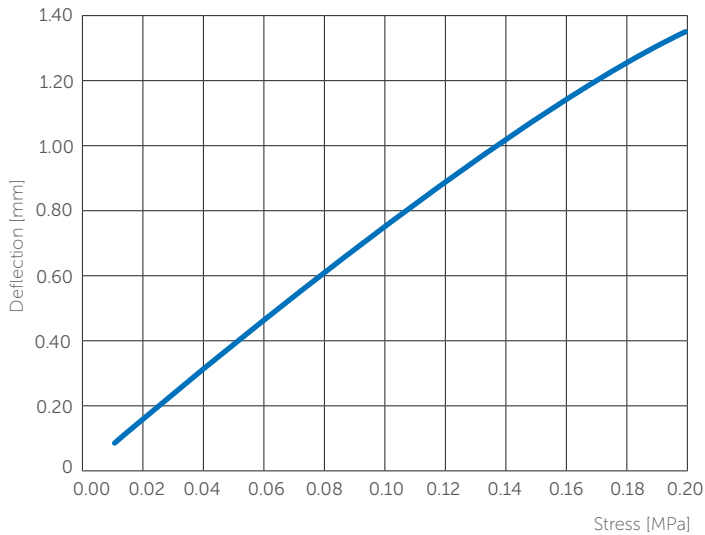
Dynamic Stiffness vs Stress



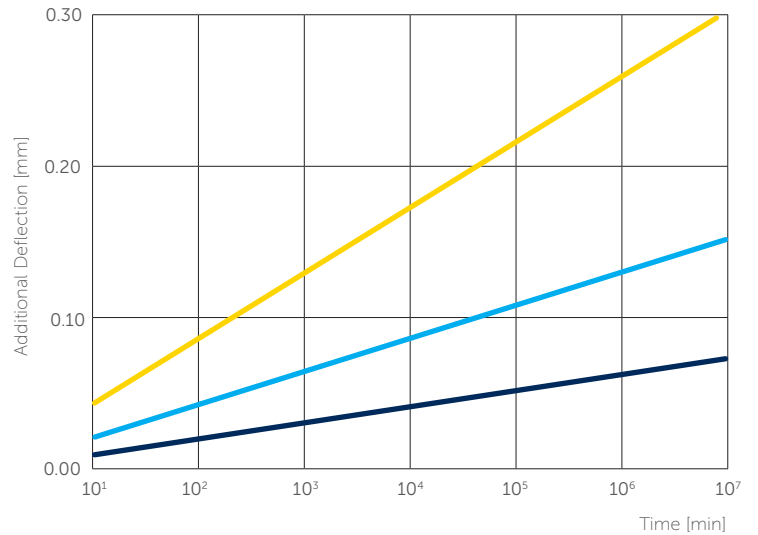
Natural Frequency vs Stress



Deflection vs Stress



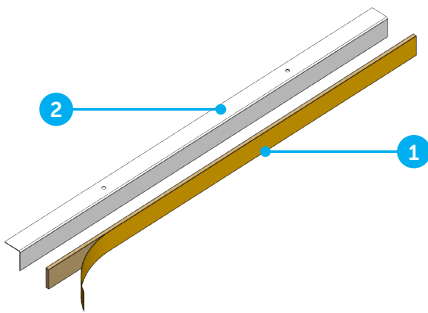
Additional Deflection by Creep



● For load of 0.05 MPa ● For load of 0.1 MPa
 ● For load of 0.2 MPa



ACCESSORIES



Stravilink RHD

A Resilient Head Detail isolating the head connection wall from the construction above whilst providing lateral restraint.

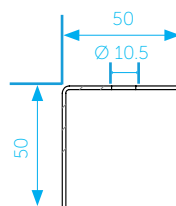
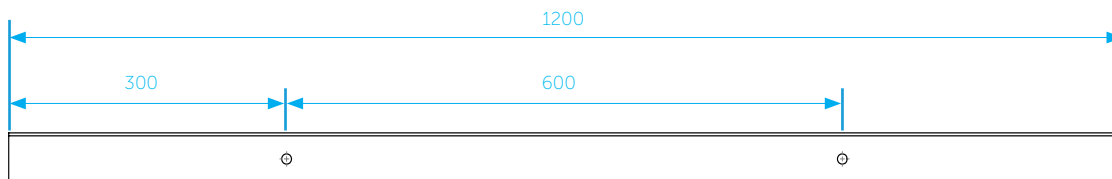
1. Self-adhesive perimeter strip 10 mm thick.

Note: Standard width of 50 mm, is available in 10 m rolls.

2. Steel angle 50 x 50 x 1.5 mm of 1.2 m in length.

Note: Including two clearance holes of 10.5 mm for fixation into ceiling.

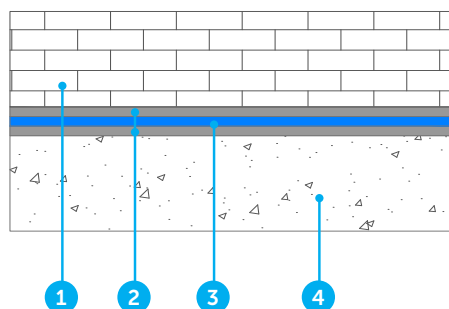
Note: Max rated axial load = 360 N/m.



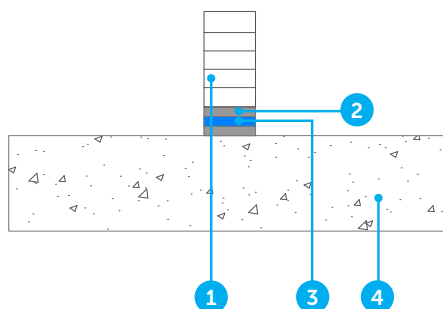
Note:
All dimensions in millimeters (mm).



TYPICAL ASSEMBLIES



1. Masonry
2. Mortar bed



3. Stravilink WallStrip
4. Base structure

Installation procedures

- Installation area must be clean, smooth, level and structurally sound prior to installation
- Apply initial trace of mortar (≈ 10 mm) (optional)
- Install the elastic strip, Stravilink WallStrip
- Apply the 2nd layer of mortar (≈ 10 mm)
- Place your block or brick

Note: follow identical application methodology for top and vertical applications



ACOUSTICAL RESULTS

Wall Type	ΔR_w^*
Single (60 kg/m^2)	2 dB
Double (95 kg/m^2)	8 dB

*according test made by Centre Technique des Tiles et Briques-Valérie Borg

DISCLAIMER

This information is accurate to the best of our knowledge at the time of issue. Information, data and recommendations provided are based on industry accepted testing and prior product usage. It is intended as descriptive of the general capabilities and performance of our products and does not endorse applicability for any particular project. We reserve the right to change products, performance, and data without notice. This document replaces all information supplied prior to the publication hereof.