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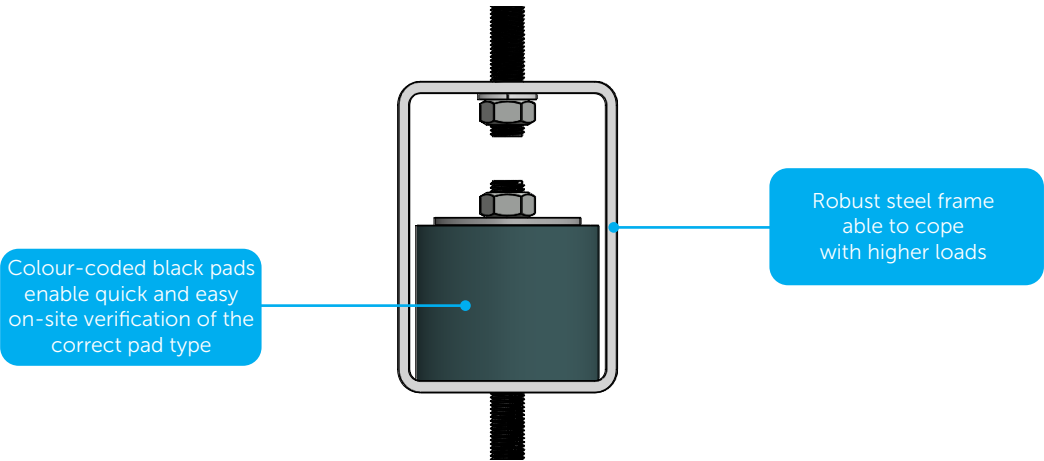
Stravilink ISH-P

Datasheet

Stravilink ISH-P is an Isolation Support Hanger with elastomeric Pads designed to support heavy-duty elements or structures - such as mechanical equipment, ductwork or ceilings with stronger structures - by efficiently handling high suspended loads.

FEATURES

- Robust steel frame, capable of handling high loads, and finished with a hot-dip galvanized coating for enhanced durability
- Equipped with elastomeric pads featuring a natural frequency of 7 to 8 Hz at design load
- Available in two elastomeric pad grades, supporting loads from 30 to 280 kg
- Colour-coded black pads enable quick and easy on-site verification of the correct pad type
- Interfaces seamlessly with all ceiling types
- Accommodates variable void depths
- Simple and fast installation process



PACKAGING

Model	Reference	Quantity per Box	Weight per Box [kg]	Dimension of Box [cm]
Stravilink ISH-P1200	002554	30	12.0	28 x 18 x 17
Stravilink ISH-P2200	002555	30	12.1	28 x 18 x 17



PHYSICAL & MECHANICAL PROPERTIES

Model	Design Load		Resonance Frequency at Design Load	Load Range (per Hanger)		Pad Colour	
	kg	N	Hz	kg	N		
Stravilink ISH-P1200	120	1200	< 8.5	30-150	300-1500	Blue	
Stravilink ISH-P2200	220	2200	< 7	80-280	800-2800	Brown	

Notes:

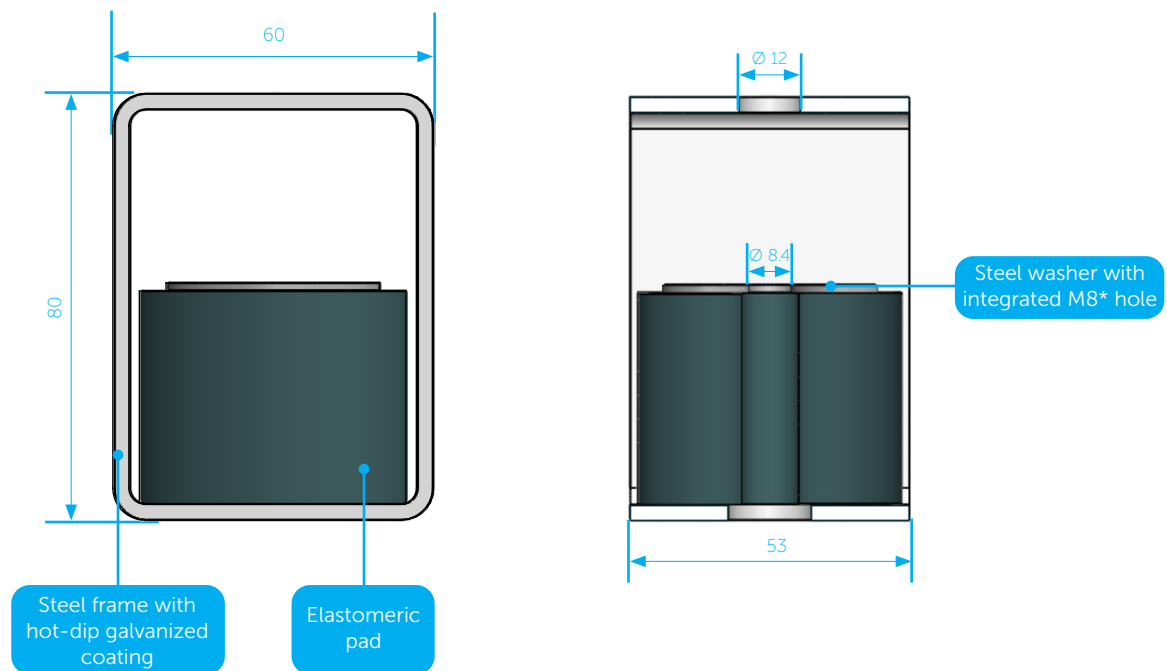
Admissible load of steel elements: 4538 N.

Products are suited up to a C2 environment (atmosphere with little or no degree of pollution).

The temperature range of use is between -30°C and 70°C.

To assess which type is appropriate the following information is needed:

- 1) The weight and construction of the supported element or structure - this will determine the type of hanger;
- 2) The weights and support locations of any items hung from the ceiling or other supported structure.



Notes:

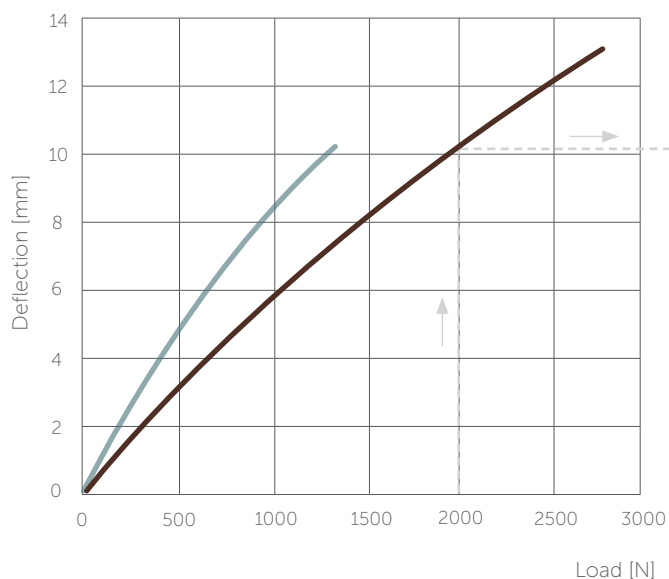
All dimensions in millimeters (mm).

*Available in M6 and M12 upon request.

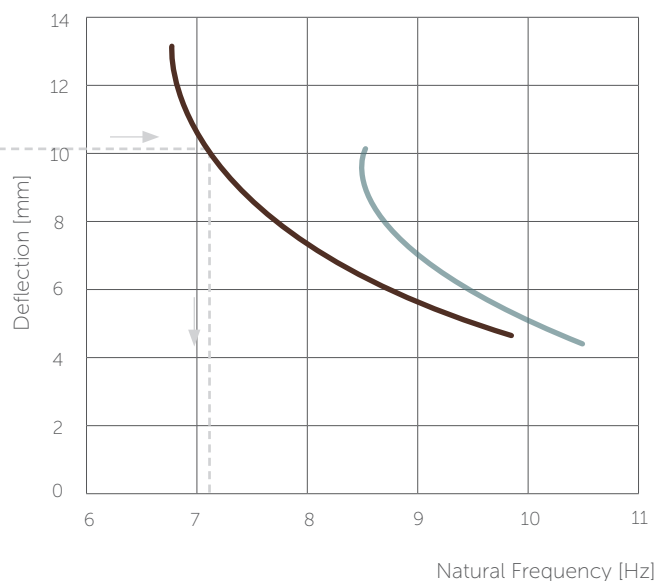


PERFORMANCE GRAPHS

Deflection as Function of Load



Deflection as Function of Natural Frequency



● Stravilink ISH-P1200

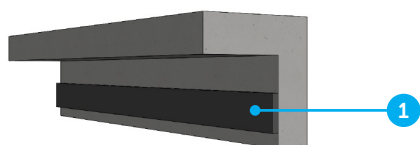
● Stravilink ISH-P2200



The natural frequency of a Stravilink hanger can be determined by its load. To start the calculation use the graph "Deflection as Function of Load" this will provide the deflection at the specified load. Then moving horizontally to the right hand side plot "Deflection as Function of Natural Frequency" on which the corresponding natural frequency can be found. As an example, the natural frequency of a Stravilink ISH-P2200 loaded with 2000 N is determined. The corresponding deflection is 10 mm. The natural frequency of the pad at 10 mm deflection is 7.1 Hz.



ACCESSORIES



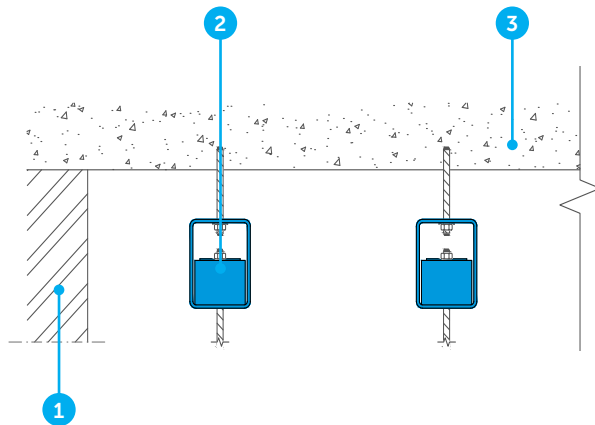
Perimeter Strip

1. Self-adhesive perimeter strip 10 mm thick to isolate the ceiling from the adjacent walls.

Note: Standard widths of 50 mm, 100 mm, and 150 mm are available in 10 lm rolls.

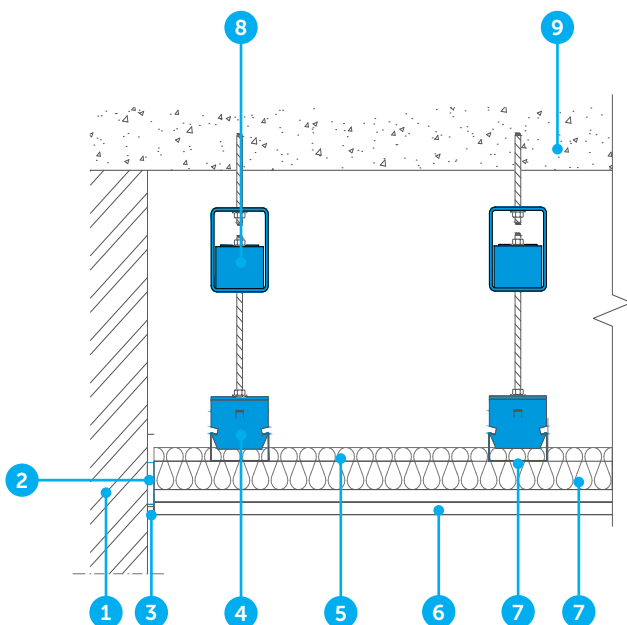


General principle



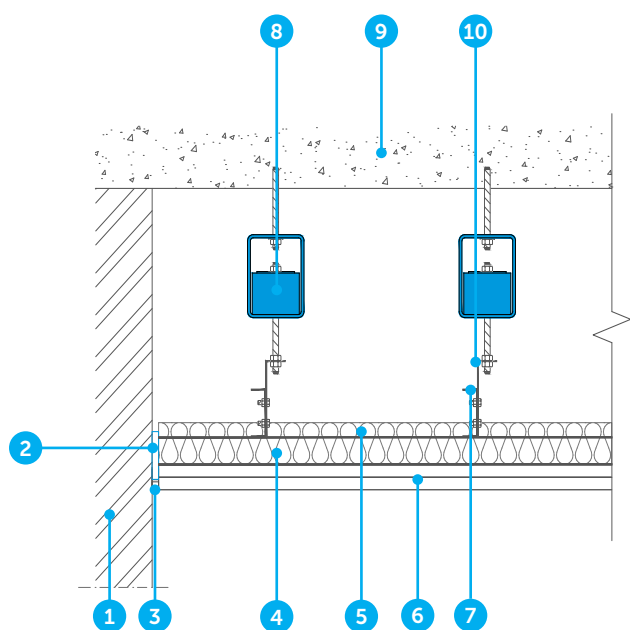
- 1. Wall
- 2. Stravilink ISH-P
- 3. Concrete Slab

47/60 mm channel - double grid



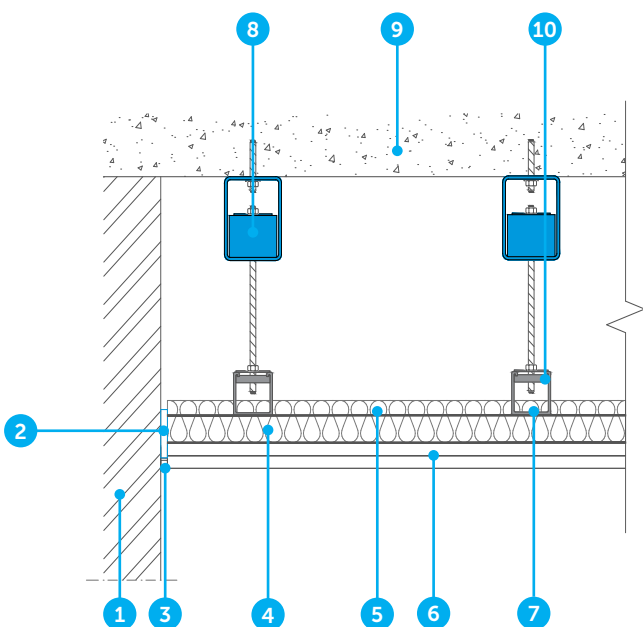
- 1. Wall
- 2. Perimeter Strip
- 3. Elastic caulk
- 4. C Clip
- 5. Absorption layer
- 6. Plasterboards, gypsum board or dry lining
- 7. 47/60 mm channel
- 8. Stravilink ISH-P
- 9. Concrete Slab

MF grid



1. Wall
2. Perimeter Strip
3. Elastic caulk
4. British Gypsum MF5 secondary channel
5. Absorption layer
6. Plasterboards, gypsum board or dry lining
7. British Gypsum MF7 primary channel
8. Stravilink ISH-P
9. Concrete Slab
10. Pre-formed angle bracket

Unistrut + MF5 grid



1. Wall
2. Perimeter Strip
3. Elastic caulk
4. British Gypsum MF5 secondary channel
5. Absorption layer
6. Plasterboards, gypsum board or dry lining
7. Unistrut primary channel
8. Stravilink ISH-P
9. Concrete Slab
10. Channel nut

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.