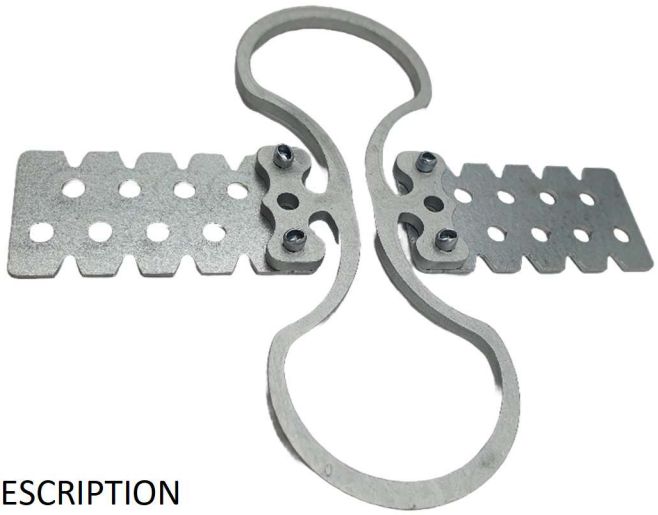
InfiniSpring® –Acoustic Wall Tie 128NN



Product Description	
Connection 1	**N**ail plate
Connection 2	**N**ail plate
Dimensions	W**128**, H120, T8 (mm)
Material	Steel
Yield strength (EN14195)	Min. 650 MPa
Corrosion protection	Zinc
Natural Frequency range	8.5 – 12.3 Hz
Operating temperature range	-40 - +200 °C
Reaction to fire (EN14195)	Class A1
Durability (EN14195)	Class B
Environmental impact (EN14195)	No

DESCRIPTION

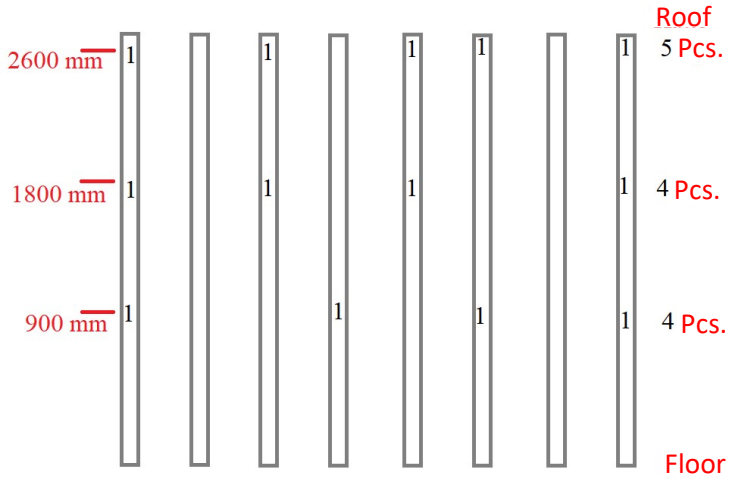
Acoustic wall tie for resiliently installed gypsum board walls. Fastened using nail plates. Very high noise and vibration isolation performance.

INSTALLATION

1. Connect 128NN wall ties from the nail plates to both vertical studs with suitable method using next to shown tables and picture.
2. Assemble gypsum board wall normally using manufacturer's instructions.

AMOUNT OF WALL TIES [pcs/m2]	
Wall weight [kg/m2]	**pcs**
10-15 (~ 1 gypsum board)	1
15-25 (~ 1-2 gypsum boards)	1
25-35 (~ 2-3 gypsum boards)	1,5
35-50 (gypsum boards + extra weight)	2
50-75 (gypsum boards + extra weight)	3

INSTALLATION HEIGHTS	
Wall height [m]	**Installation heights from the floor**
2-3	1/3, 2/3, 3/3
3-4	1/3, 2/3, 3/3
4-5	1/4, 2/4, 3/4, 4/4
5-6	1/4, 2/4, 3/4, 4/4
6-7	1/5, 2/5, 3/5, 4/5, 5/5

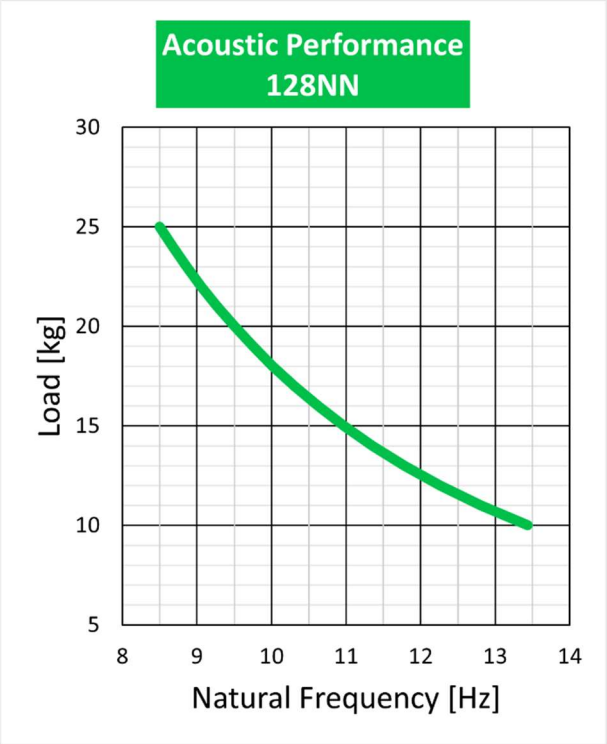


Picture shows one example of possible wall tie installation selection for a 13 m2 size gypsum board wall. Gypsum board weight is 20,4 kg/m2 (2 x 10,2 kg/m2). According to the table recommended amount of wall ties is 13 (1 pcs/m2). Recommendation is to install wall ties as evenly based as possible to installation heights 1/3, 2/3 and 3/3.

NOTE

Acoustic wall ties shall not carry the weight of the resilient gypsum board wall, but the gypsum board wall weight shall be carried resiliently. To guarantee acoustic performance of the gypsum board wall the wall as a whole need to be fully resilient and fully sealed.

ACOUSTIC PERFORMANCE



RECYCLING

Product is 100 percent steel and can be recycled together with other steel scrap.

MANUFACTURER

Labrys Oy / InfiniSpring

Uuspihlajantie 19

66370 Närvijoki

Finland

128NN between two laminated veneer lumber beams