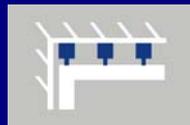


CDM-ISO-PHS/PHR



Sound Insulation for Ceilings Resilient Hangers



CDM-ISO-PHS/PHR Resilient Hangers are designed to suspend heavy ceilings, walls, lighting rigs, ducts and pipework. By isolating these elements from the main structure sound insulation and vibration isolation is maximised.

The choice between **CDM-ISO-PHS** and **CDM-ISO-PHR** depends on the required resonance frequency and the applied load.

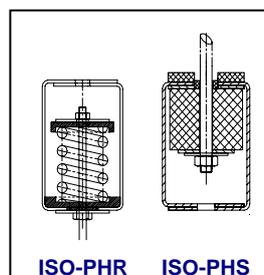
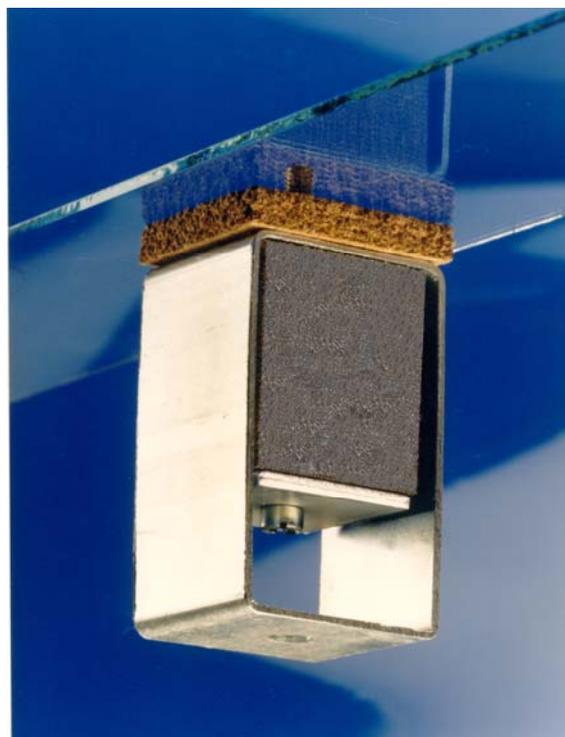
f_{res} [Hz]	Type	Optimal Load per element [N]
ca. 8 – 10 Hz	ISO-PHS-150	150 (100-250)
	ISO-PHS-500	500 (250-600)
	ISO-PHS-1000	1000 (600-1000)
	ISO-PHS-1400	1200 (1000-1800)
ca. 4 – 5 Hz	ISO-PHR-150	150 (120-180)
	ISO-PHR-500	500 (400-600)
	ISO-PHR-1000	1000 (800-1200)
	ISO-PHR-2000	2000 (1600-2400)

Hangers can be manufactured to take any load and to achieve other natural frequencies on request (eg 3Hz spring hangers)

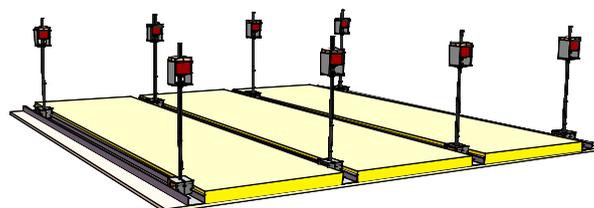
Installation Guidelines

Suitable fixings should be used to fix the hangers into the supporting soffit (eg. Hilti HKD into uncracked concrete)

CDM-ISO-PERIMETER-STRIP (comes in 10m by 10mm thick self-adhesive rolls – width should be chosen to be at least the thickness of the suspended construction) should be used around the perimeter of the ceiling to ensure that the suspended elements are acoustically de-coupled from the supporting structures.



NOTE: rail systems (eg. MF), fixings, M8 threaded rods, nuts and washers are not included unless requested



Hanging a suspended ceiling

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