

GTEC Phonissimo Acoustic Hanger

Description

This product is an acoustic suspended ceiling hanger bracket for use with the GTEC MF Suspended Ceiling systems. The hanger is adjustable.

Applications

Improving sound insulation of concrete floors and roofs by isolating the mechanical connection between a rigid hanger and a suspended ceiling. Example: Cinema mass barrier ceilings.

Compliance

BS EN 13964:2004+A1:2006

Dimensions

Galvanised metal C Shaped bracket with M6 threaded hole:

<i>Height</i>	70mm
<i>Width</i>	30mm
<i>Thickness</i>	3mm

Elastomeric rubber isolator:

<i>Mean diameter</i>	25mm
<i>Mean height</i>	25mm

Galvanised steel insert in rubber – M6 threaded hole, 8mm rubber thickness

Fixing

The Phonissimo bracket is used with four GTEC Self-Drilling Wafer Head Screws through the Phonissimo hanger into GTEC Heavy Duty Primary Channel MF44, with the rubber isolator oriented to the top. An M6 threaded rod and nuts (by others) are used to suspend the bracket from the soffit via the rubber isolator.

Performance

Acoustic isolation:

+10 dB @ Frequencies 50Hz to 500 Hz

Maximum load

500N – Deflection < 8mm

Safety

This product will not collapse if the rubber isolator should burn out.

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