

CDM-ISO-STRUCTURE



Building Base Isolation

CDM-ISO-STRUCTURE standard bearing types



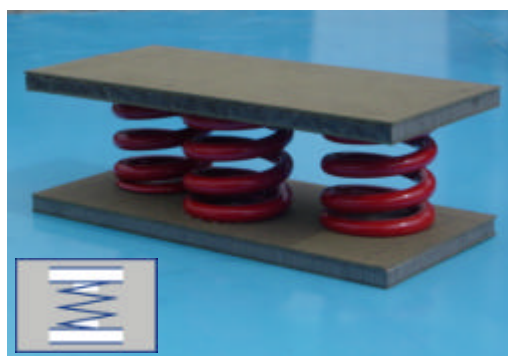
CDM-ISO-SEB
Simple Elastomer Bearings



CDM-ISO-CAS
Pre-compressed
Elastomer Boxes



CDM-ISO-CHR-BOX
Pre-compressed
Spring Boxes



CDM-ISO-CHR
Simple Spring Units

CDM-ISO-STRUCTURE is building base isolation to minimise the amount of vibration energy entering or leaving a building. Common vibration sources include railways, road traffic, nightclubs and bars, heavy machinery etc....

Simple or pre-compressed springs can provide resonant frequencies between 2.5Hz and 4Hz. Simple or pre-compressed elastomers can provide resonant frequencies of between 6Hz and 15Hz.

CDM has over 50 years of vibration isolation experience and offers the full design, production and installation service (supervision) for all of their structural bearing solutions.

The system chosen depends on the supported loads, the excitation frequency spectrum and the type of structure.



Example: Heritage House Performance Hall, Budapest, Hungary
CDM-ISO-CAS

CDM-ISO-BUILDING

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noise & vibration control

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