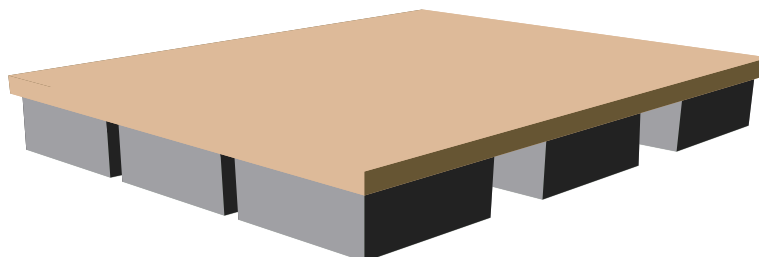


CDM-ISO-SEB



Building Base Isolation Simple Elastomer Bearings

CDM-ISO-SEB Simple Elastomer Bearings are used to isolate buildings where the required natural frequency is between 6Hz and 15Hz. The bearings consist of simple or composite elastomer pads, occasionally pre-glued to formwork panels.



The bearings can be manufactured to suit all types of standard construction, for example load bearing masonry, reinforced concrete frames, steel construction etc....

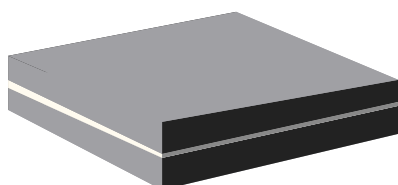


Load bearing masonry strip, 11Hz

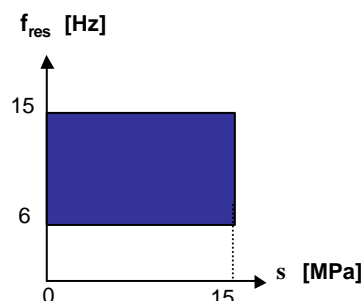


Reinforced concrete frame isolation bearings, 10Hz

Simple Elastomer Bearings can be manufactured to support loads up to 15MPa. This is achieved by using appropriate CDM-solids (=elastomer materials), occasionally combined with layering and reinforcing techniques to achieve higher stress capacities.



Fretted Elastomeric Bearing



Load-Frequency Range

CDM-ISO-STRUCTURE