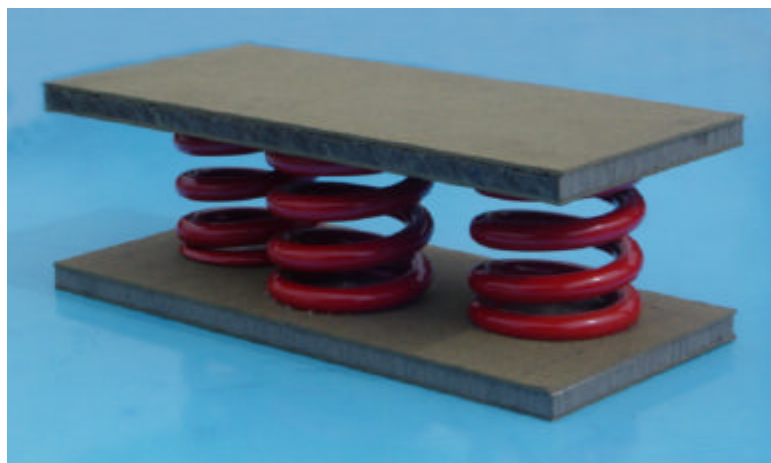


CDM-ISO-CHR



Building Base Isolation Simple Springs

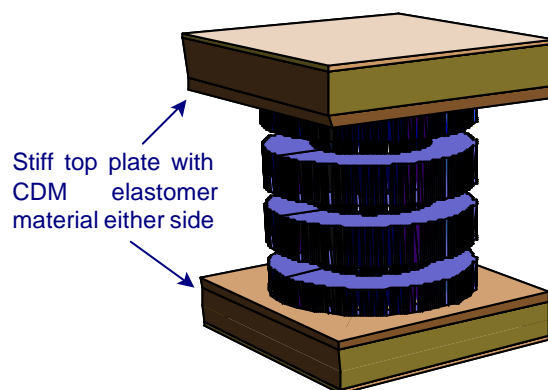


CDM-ISO-CHR Simple Spring units are used to isolate buildings where the required natural frequency is between 4 and 5Hz.

The springs are sandwiched between two stiff plates (steel, HPL,...) which incorporate elastomer layers to minimise the effect of coil resonances and provide a more uniform load transfer in the contact surface with the structure below and above.

Simple Spring units can be customize-made to any specific load.

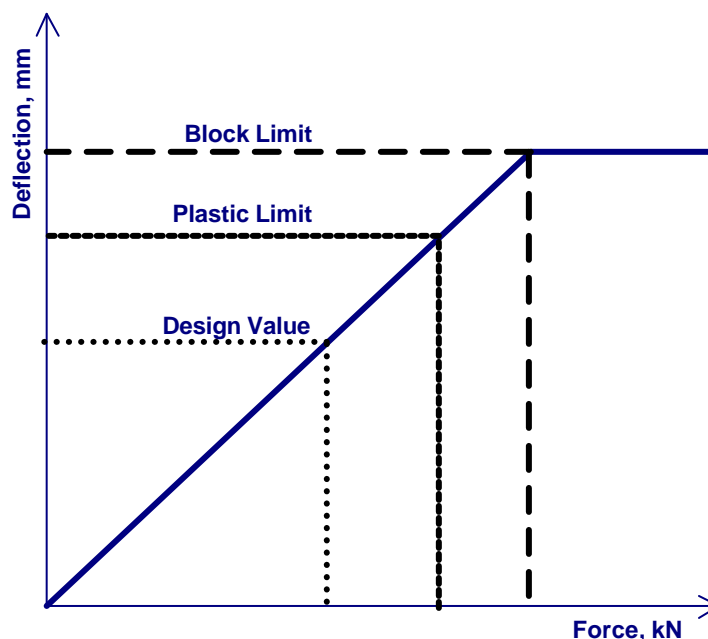
All used springs are epoxy-coated to prevent corrosion.



The selection of the **CDM-ISO-CHR** Simple Springs depends on the following information:

- The imposed dead and live loads
- The specified natural frequency of the spring or the required static deflection of the spring
- Any requirement for resonant damping
- The size and nature of the support surfaces and type of structure that is being supported
- Lateral stability requirements

The selected spring will have sufficient capacity above the design value to ensure that the plastic limit and block of the spring is never reached.



CDM-ISO-STRUCTURE

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