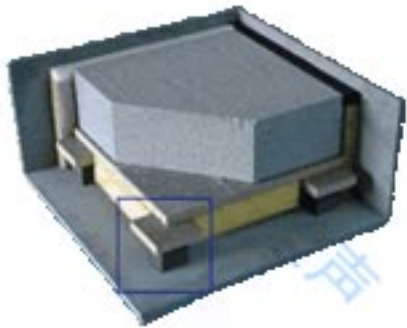




ABOUT THE COMPANY

CDM has specialized since 1951 in the design, production and implementation of noise and vibration isolation systems. CDM's headquarters are situated in Overijse nearby Brussels, and under 100% belgian shareholdership. The CDM Group is active worldwide (see worldwide network) in the segments building, industry and railway infrastructure.



MARKETING APPROACH

CDM basically consists of a multifunctional and flexible team of engineers that searches continuously for the most economical way to isolate noise and vibrations with respect to project requirements and related budgets. Regarding the design, CDM is not bond in its choice of materials, which creates a state of independancy with respect to the proposed solutions

(solids – springs – air cushions).

CDM = Customized Design of Mass-spring-systems



THIS DOCUMENTATION

The first part of the actual documentation shows for each segment (building – industry – track) the principles and possibilities to isolate or decouple two or more structures from each other, possibly followed by a case study. To receive more in-depth literature regarding a certain issue, it is recommanded to take up contact with the CDM headquarters. The second part contains the technical datasheets for the different standard CDM components (solids – springs – air cushions).



R & D

CDM uses in-house test facilities to evaluate the mechanical, physical and longterm behaviour of materials. R & D and certified testing is done in co-operation with international universities, certification organisms and related companies. CDM emphasizes that the key factors to its success are based on the know-how, long-term experience and in-depth knowledge of material behaviour in different circumstances.

- 1 Instron 8800 press for measuring static & dynamic stiffness, damping and fatigue
- 2 Concrete inertia block for in-situ testing
- 3 Static press for QC on precompressed boxes
- 4 The CTS devices for creep measurements



1



2



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