

DEFLECTION



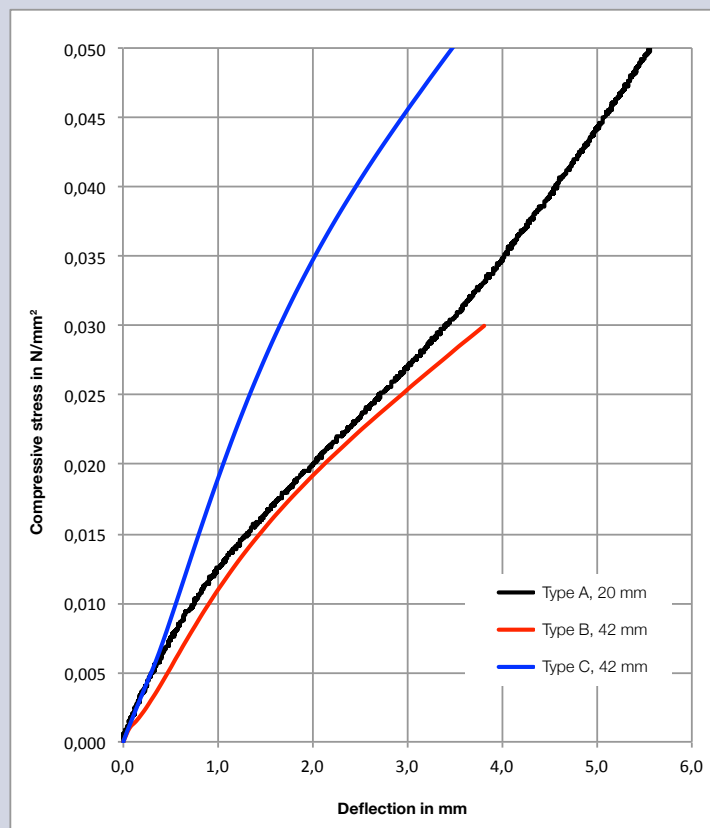
Product description

Civerso is used to provide vibration isolation for side walls in buildings and in machine foundations beneath ground level or the floor upper edge. Made of closed cellular rubber, Civerso is either 20 mm or 42 mm thick, depending on the type.

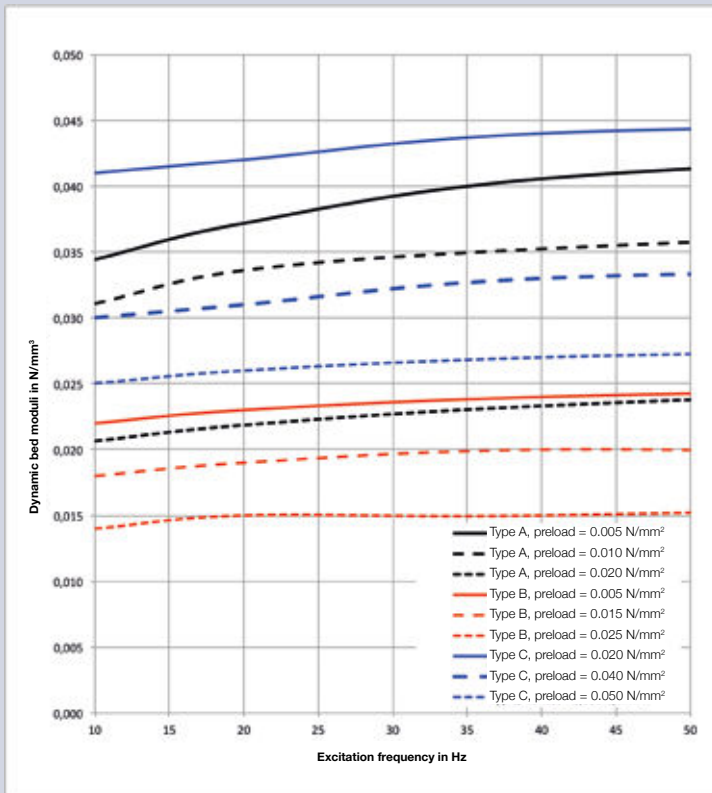
At 20 mm thick, Type A is available for applications subject to very low constant loads. Type A can also be installed in two layers if highly effective vibration insulation is required. Type B and Type C are available for applications subject to greater constant loads with the type used depending on the compressive stress.

Civerso is delivered as panelling and also in pre-cut panels on request. The individual panels can be easily bonded onto the wall surface requiring insulation thanks to their low weight. They can also be fastened with wide-head wall plugs in special cases.

Civerso absorbs less than 5 % water, so it can also be used in areas where it will come into contact with water.



DYNAMIC BED MODULI



Technical data Type A

Density	130 kg/m ³
Max. constant static load	0.01 N/mm ²
Dissipation factor	ca. 0.10
Water absorption	< 5 %
Temperature resistance	- 40 °C to +100 °C
Dimensions	2 m x 1 m x 20 mm
Colour	black

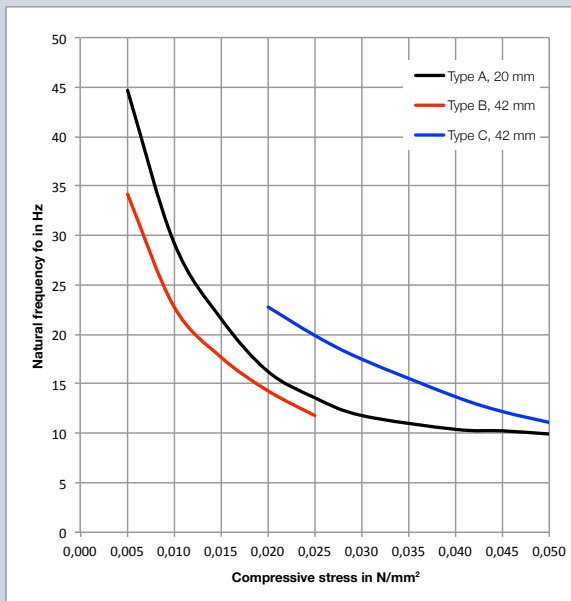
Technical data Type B

Density	125 kg/m ³
Max. constant static load	0.02 N/mm ²
Dissipation factor	ca. 0.10
Water absorption	< 5 %
Temperature resistance	- 40 °C to +80 °C
Dimensions	2 m x 1 m x 42 mm
Colour	black

Technical data Type C

Density	220 kg/m ³
Max. constant static load	0.05 N/mm ²
Dissipation factor	ca. 0.10
Water absorption	< 5 %
Temperature resistance	- 40 °C to +80 °C
Dimensions	1,6 m x 1 m x 42 mm
Colour	grey

NATURAL FREQUENCIES



Installation

Civerso can be fastened either directly onto the wall or onto the perimeter insulation. The butt joints between the individual panels must be sealed with suitable adhesive tape. Civerso also needs to be covered with building foil at least 0.4 mm thick once installation is complete.

Depending on the structure, it may be necessary to enclose vertical joints filled with Civerso with a non-shrink joint infill.

The contents of this publication are the result of many years' research and experience gained in application technology. All information and instructions are based on the best knowledge available to us; they do not represent a warranty of suitability for particular tasks nor do they exempt the user from conducting their own tests and checks, including verifying the rights of third parties. We do not accept any liability for damages of any kind and on whatever legal grounds arising from recommendations made in this document. We reserve the right to make technical modifications in the course of product development.

Calenberg Ingenieure GmbH

Am Knübel 2-4
D-31020 Salzhemmendorf

Tel. +49 (0) 51 53/94 00-0
Fax +49 (0) 51 53/94 00-49
info@calenberg-ingenieure.de
www.calenberg-ingenieure.de

