

CMS ISOSheet

Product Description

CMS ISOSheet is a medium density, closed cell structure foam material. Specifically designed for moderate vibration control, it offers a cost effective solution for applications such as machine tools, printing presses and grinders.

As the material is not subject to deterioration through water absorption and wicking, its natural frequency and isolation characteristics remain constant over time.

The natural frequency is dependent on the load and material specified, ranging from 12Hz to 50Hz.



Physical Information

Material composition	Medium density, closed cell structure foam
Standard sheet sizes	
CMS 05M	2.75m x 600mm x 12.5mm
CMS10M	2.75m x 600mm x 25mm
CMS20M	2.75m x 600mm x 50mm
CMS10H	2.75m x 600mm x 25mm
CMS20H	2.75m x 600mm x 50mm

Technical Information

Compressive creep characteristics

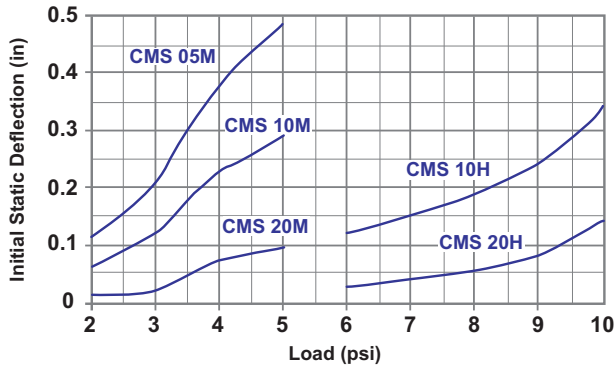
Load PSI	Type M	
	10M	20M
2	4%	2%
3	40%	6%
4	40%	40%
5	40%	40%
	Type H	
	10H	20H
6	5%	1%
7	30%	20%
8	30%	30%
9	40%	30%
10	50%	30%

Maximum %1 of original thickness (1 creep results after 700 hours under static)

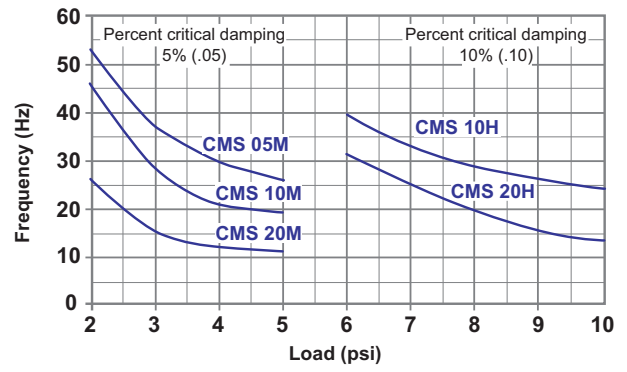
Benefits

- Maintains natural frequency and performance over time
- Natural frequency ranges from 12Hz to 50Hz
- Cost effective moderate vibration control
- Limits the transmission of higher frequency disturbances
- Provides isolation from ambient and induced shock and vibration
- Impervious to chemicals
- Performs consistently over a wide range of temperatures and time
- Available in range of thicknesses and sheet sizes
- Quick and easy to install

Technical Information

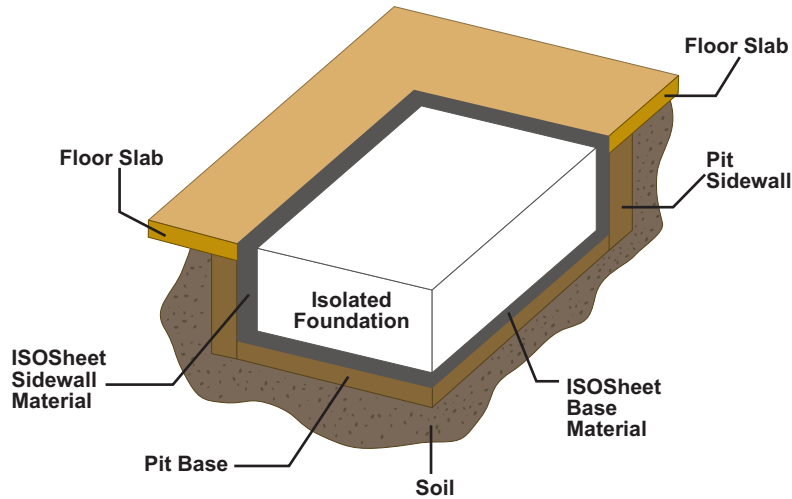


Load Deflection Graph



Dynamic Natural Frequency

Typical Installation



Northern Office:

Unit 4b Eagle Park, Eagle Park Drive
Warrington. WA2 8JA
t: 01925 582899 f: 01925 582898

Southern Office:

Unit 9 Enterprise Way
Wickford. SS11 8DH
t: 01268 568763 f: 01268 568764

info@cmsantivibration.co.uk
www.cmsantivibration.co.uk

CMS VIBRATION SOLUTIONS