

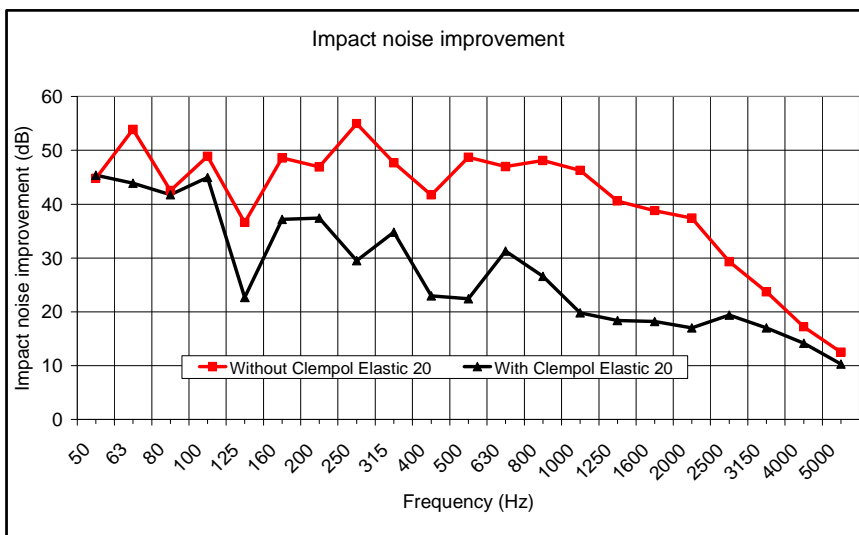


## CARACTERISTICS

CLEMPOL ELASTIC based product is a recycled rubber, medium density and that due to physical and chemical characteristics gives high performance in the field of sound insulation. The density of the material, its surfaces mass, provides insulating properties and the pores, sound absorbing qualities.

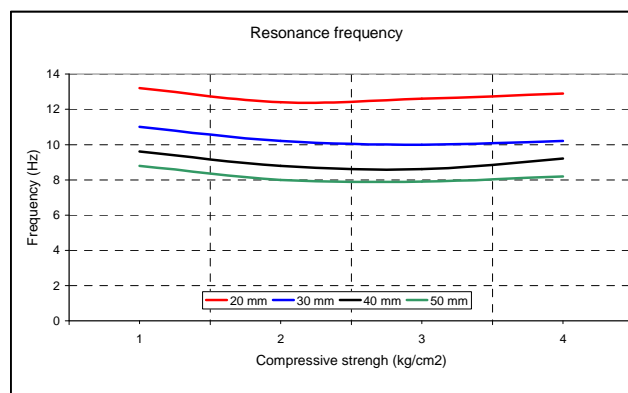
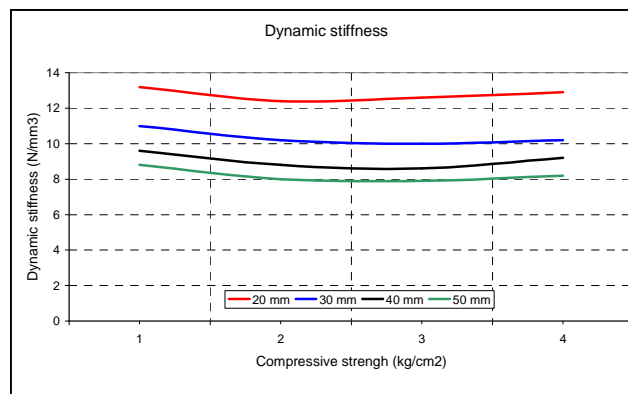
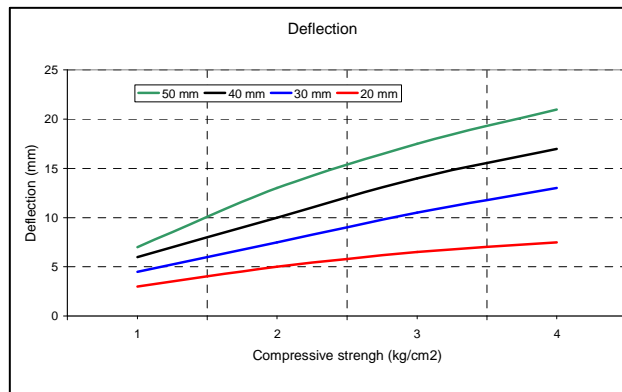
## SPECIFICATIONS

Nature	Recycled rubber.
Density	500 kg/m <sup>3</sup> .
Tensile strength	2,40 kg/cm <sup>2</sup> (4 cm)
Compressive strength	0,48 kg/cm <sup>2</sup> (4 cm)
Thermal conductivity	0,021 kcal/h mC°.
Color	Anthracite.
Presentation	120 x 100 x 2, 3, 4 y 5 cm sheets.



Improved impact noise insulation based Clempol Elastic 20 and a concrete 7 cm thickness.

Frequency Hz	L'nT(dB)	L'nT(dB)
50	44,8	45,4
63	53,9	43,9
80	42,5	41,8
100	48,9	45,0
125	36,6	22,7
160	48,6	37,2
200	46,9	37,4
250	55,0	29,5
315	47,7	34,8
400	41,7	23,0
500	48,7	22,4
630	47,0	31,3
800	48,1	26,6
1000	46,3	19,8
1250	40,6	18,4
1600	38,8	18,2
2000	37,4	17,0
2500	29,3	19,4
3150	23,7	17,0
4000	17,2	14,2
5000	12,5	10,3
L'nT,w(CI)	46	31
ΔL <sub>w</sub>	-	15



## PROPERTIES

CLEMPOL ELASTIC has the following advantages:

- Versatility in use.
- Good absorption coefficient and acoustic insulation.
- Easy to install.
- Recycled and recyclable product.
- Excellent dynamic mechanical behaviour.



This products considers all aspect of reducing environmental impact through Eco-Design, using the methologic based on EDECON Project funded by the European Commission.

Information in this document and otherwise supplied to users is based on our general experiences and is given in good faith but, because of particular factors which are outside our knowledge and control and affect the use of products, no warranty is given or implied with respect to such information. Specifications are subject to change without notice.

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