



DESCRIPTION

CLEMPOL DIMPLE is a mat of rubber granulates for the reduction vibration absorption and insulation of structure – borne sound. It guarantees versatile, specific solutions for all tasks in the civil engineering and construction industries requiring effective insulation and competitive.

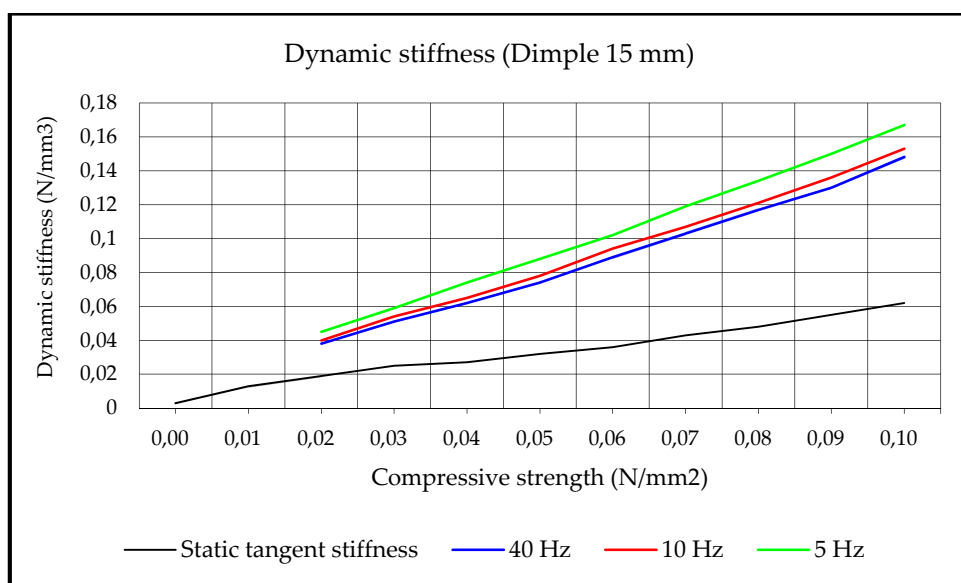
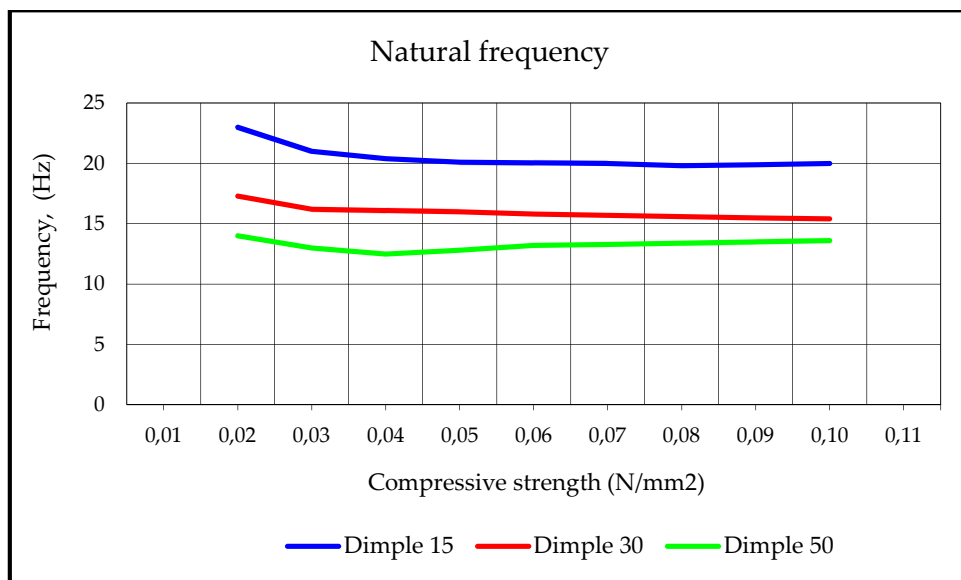
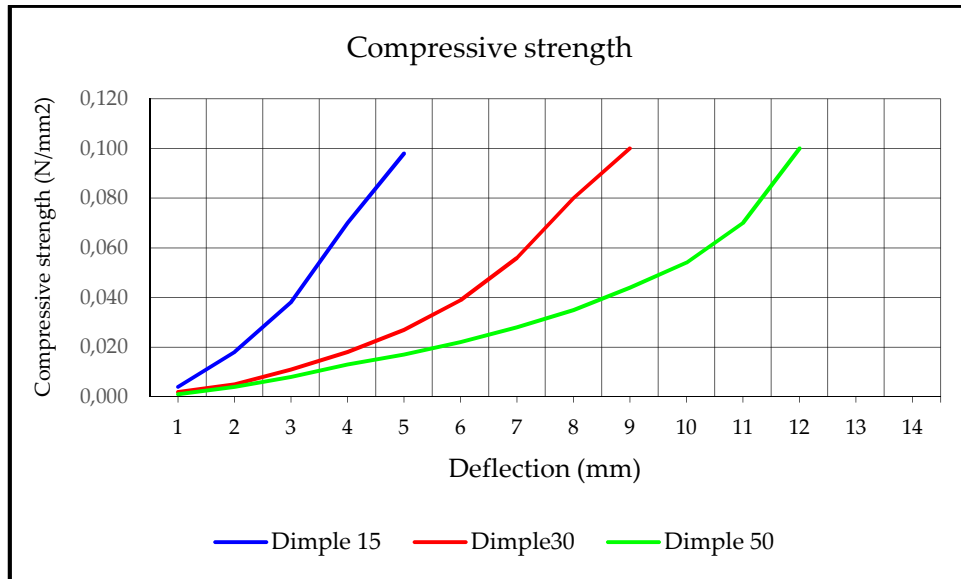
SPECIFICATIONS

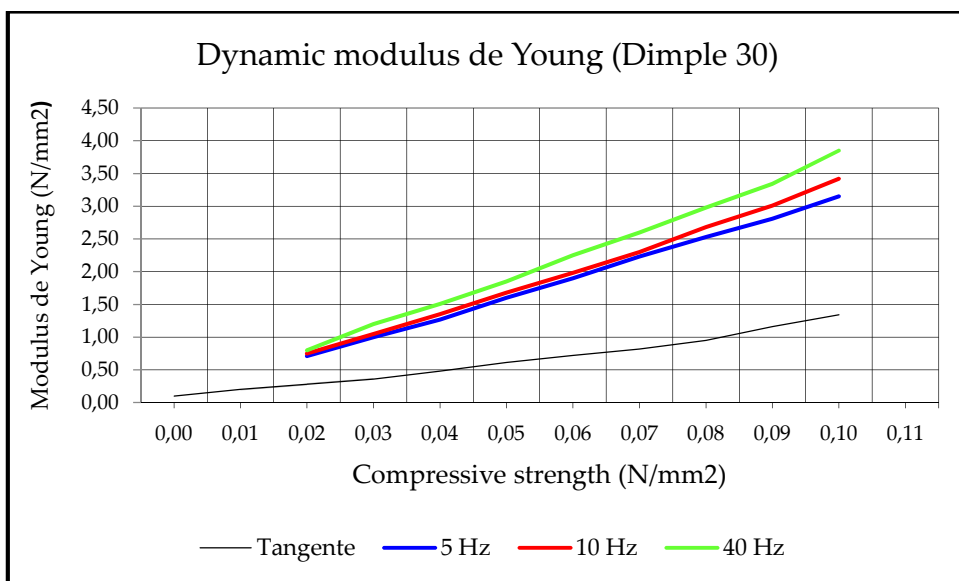
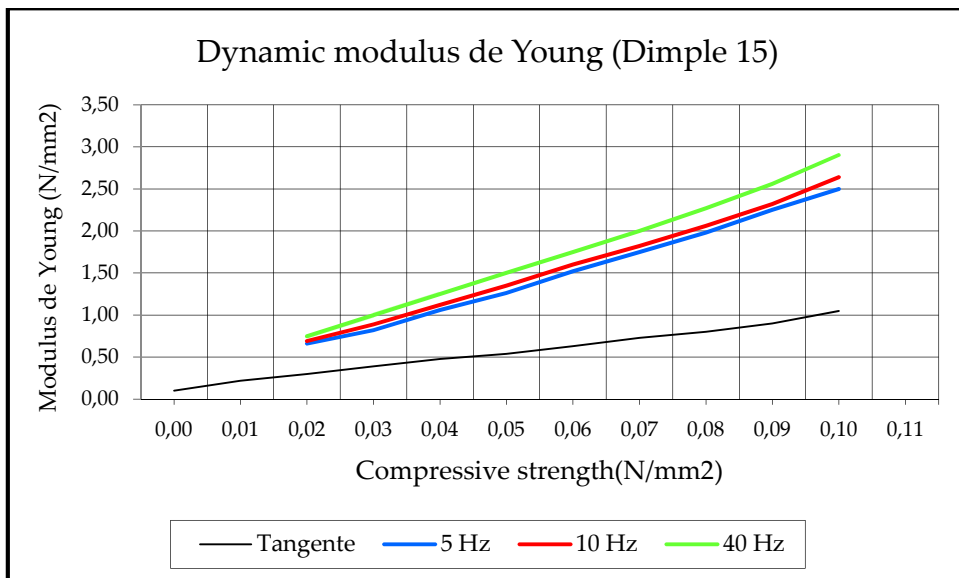
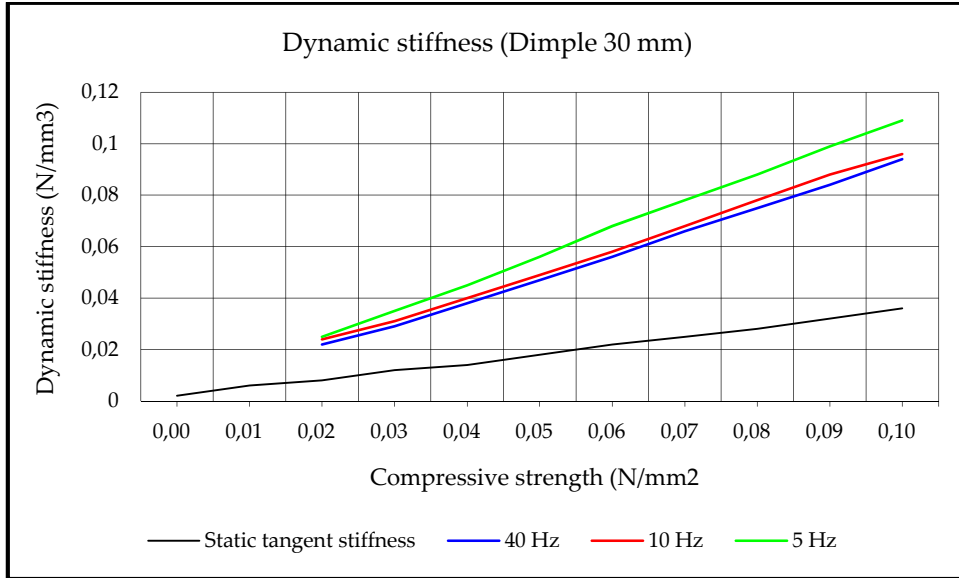
Nature	Rubber granulates recycled.
Colour	Black.
Surface	Granular texture with profile on one side.
Density	600 – 700 kg/m ³ .
Thermal conductivity	0,15 W/mk.
Flammability rating	B2 (EN 13501-1).
Tensile strength	0,37 N/mm ³ . (EN ISO 1798)
Elongation at break	0,45 % aprox. (EN ISO 1798)
Service temperature range:	- 40 °C - +80 °C.
Natural frequency (one layer)	9/15 = 20 Hz, 10/20 = 17 Hz. [s = 0.05 N/mm ²].
Dynamic stiffness	15 MN/m ³ (UNE EN 29052-1)
Airborne sound proofing	65 dB Rw (ISO 140-3:1995)
Impact noise isolation	43 dB ΔLw (ISO 140-8:1998)
Compressive strength	250 – 1500 kg/m ² .
Thickness	15 – 20 – 25 – 30 – 40 – 50 mm.
Presentation	1000 x 1200 mm sheets.
Profile detail:	

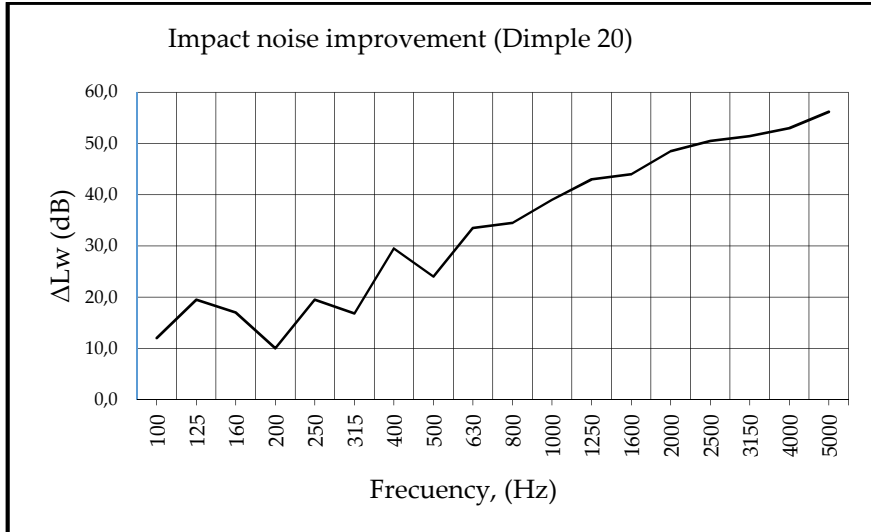


APPLICATIONS

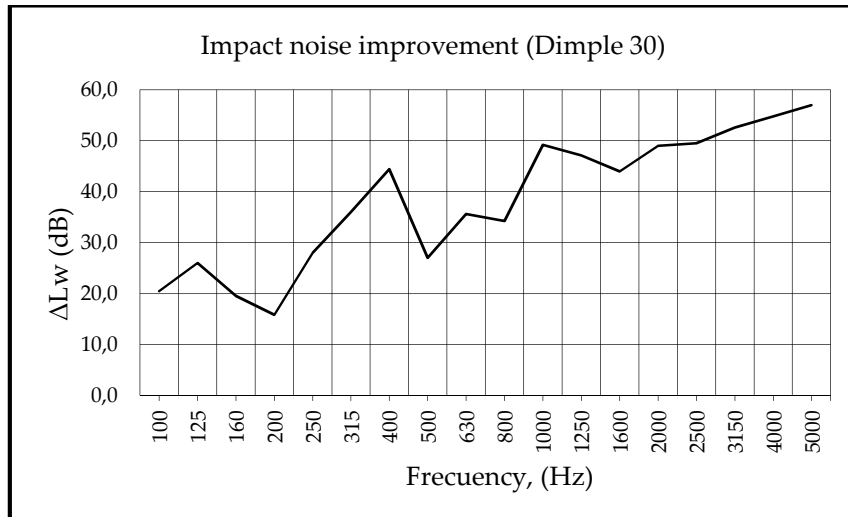
CLEMPOL DIMPLE has a great variety of applications. Mostly, it is used for the insulation of structure borne sound. It guarantees versatile, specific solutions for all tasks in the civil engineering and building industries requiring effective insulation as luxury apartments, schools, hospitals, hotels, libraries, pubs, bars, clubs, etc. It can also be used under wooden floors and sensitive areas such as gymnasiums floors.



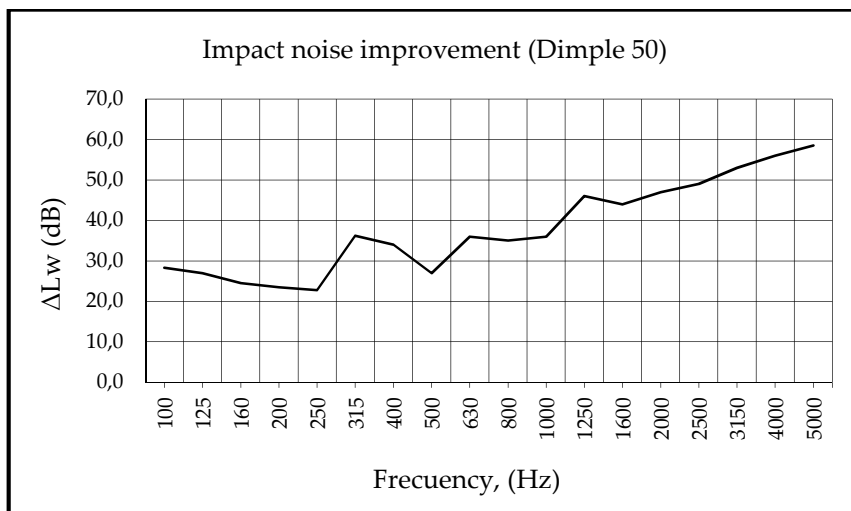




Assessment according to ISO 717-2 de ΔL_w (dB): 34
Under a concrete slab 5 cm thick.



Assessment according to ISO 717-2 de ΔL_w (dB): 40
Under a concrete slab 5 cm thick.



Assessment according to ISO 717-2 de ΔL_w (dB): 43
Under a concrete slab 5 cm thick.

APPLICATIONS

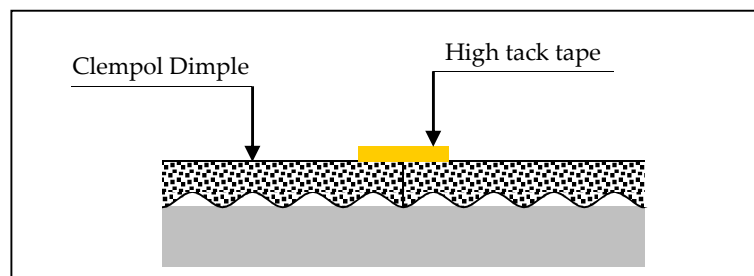
CLEMPOL DIMPLE has a great variety of applications. Mostly, it is used for the insulation of structure borne sound. It guarantees versatile, specific solutions for all tasks in the civil engineering and construction industries requiring effective insulation.

CLEMPOL DIMPLE is employed for reduction impact sound in hospital, Hotels, libraries, pubs, discotheques, dancing rooms, multi gym, etc.

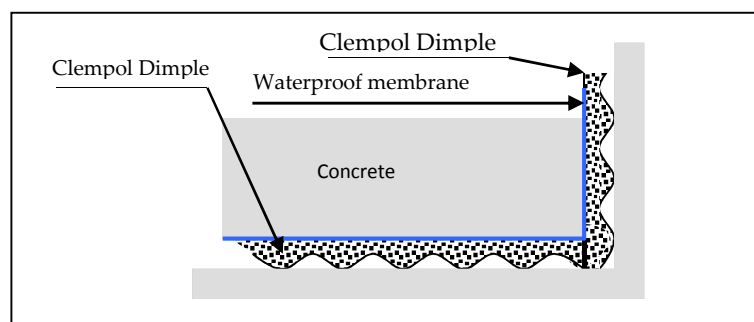
PROPERTIES

CLEMPOL DIMPLE has the next advantages:

- Designed to reduce impact noise from very high loads, having a maximum load bearing capacity of 50 kN (5.000 kg/m²).
- Excellent impact and airborne performance.
- Offers long term performance without collapse or bottoming out under high point loads.
- Minimal creep, even under high loads.
- Resistant to ageing and deformation.
- Quick and easy to install.
- High quality and exact material thickness guaranteed.
- Suitable for use with underfloor heating
- Protects expansion joints
- Mildew and moisture proof.



Join detail



Turn up contour edges

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