METALPLATE +

High value added coatings

Don’t be fooled by its appearance. Two results: noise control and aesthetics

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Advanced Materials
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General Characteristics

Metalplate + is a laminate product composed of 2 metals (of the same or different thickness) joined by an adhesive (viscoelastic resin core) that confers anti-noise and anti-vibration properties.

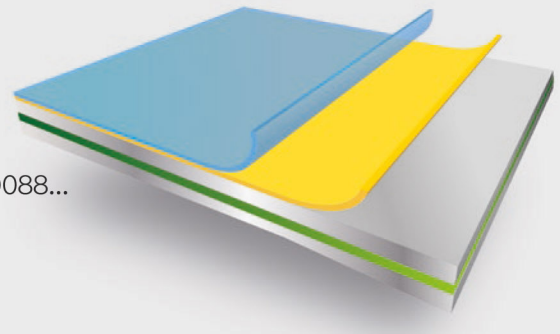
General Properties

- Technical product.
- Metallic finish (galvanized) as standard.
- Complies with building and marine regulations. Code PEF2010 Annex1. Part 5.
- Possibility of providing this product with different finishes (coated with PVC, PET, etc.) or stainless finishes.
- Damping effect achieved.

METALPLATE +

Composition

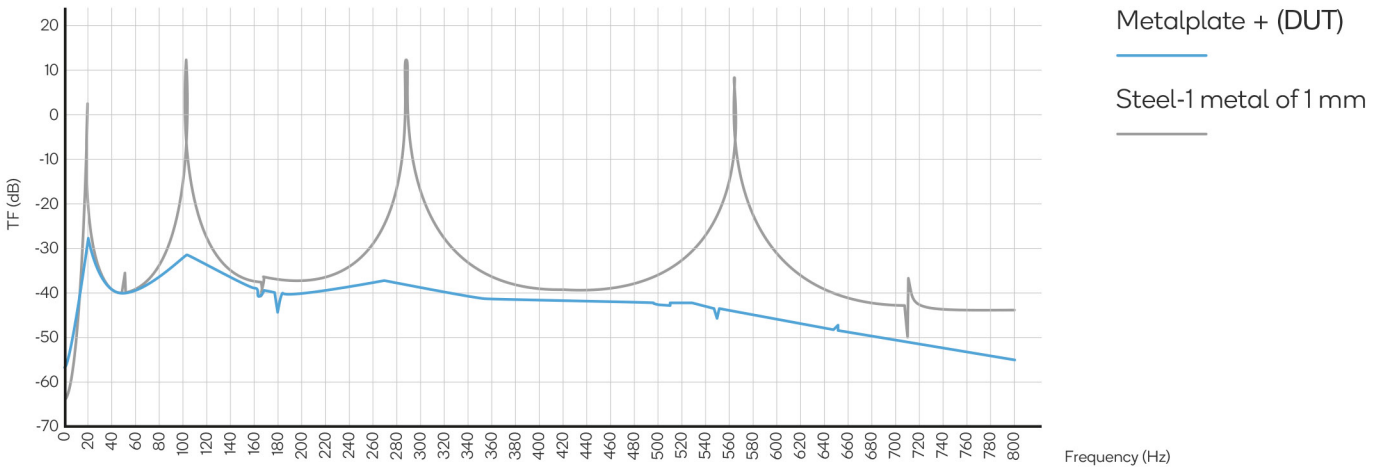
- Protective film 30-50 µ (optional)
- Film (PVC, PET, others) (optional)
- Metal substrate according to standard EN 10346, EN 10088...
- Viscoelastic adhesive
- Metal substrate according to standard EN 10346



Product behaviour

Description	Testing Standard		Unit	Result	Observations
Total thickness	EN 13523-1	ASTM D1005	mm	0.5-1.5	
Pencil hardness	EN 13523-4	ASTM D3363		> H	Applicable to the coated product
Bending*	EN 13523-7	ASTM D522		Good	

* This product is not recommended for deep bending processes
Additional methods of fixing should be required in case of some applications or special shaped parts



- Vibration reduction between 40-50 dB Metalplate + (1 mm thick) compared to 1 metal –steel– (1 mm).
- Better damping at frequencies above 50 Hz.
- In general, better performance at higher frequencies.

Our registered trademarks | Acquaplate • Aluplate • Astraplate • Astraplate + • Colorplate • Decorplate • Glossyplate • Inoxplate • Metalplate • Metalplate + • Lamiplate • Starplate • Thermoplate

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