

HexaNaval ST

Description

HexaNaval ST is a multi-layer structure borne noise damping material which combines high performances with a minimal added weight. HexaNaval ST is designed to effectively reduce vibrations in structures. The core of HexaNaval ST is a combination of a honeycomb layer attached to two visco elastic layers and one thin steel top sheet.



Less weight
More possibilities

Weight reduction

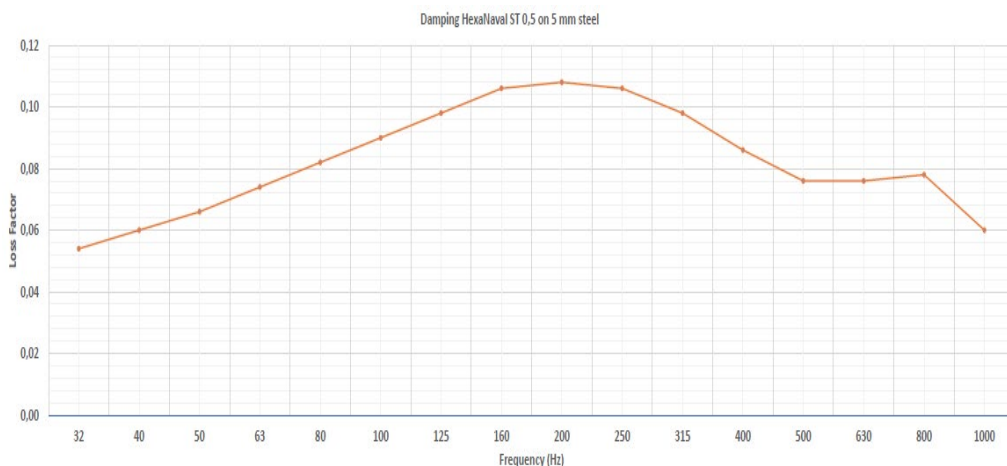
HexaNaval ST weighs approximately 460 gram per piece, which results in 6 kg per m². This lightweight damping solution weighs over 2 kg per m² less than most insulating coatings and about 7 kg per m² less than constrained layer damping systems.



Less noise
More comfort

High damping

Due to the high performance in damping, HexaNaval ST is ideal for treatment of low frequency noise and vibrations. HexaNaval ST needs to be applied on approximately 80% of the substrate to significantly reduce the vibrations and noise levels.



Tested by Van Cappellen Consultancy



Less Work
More results

Quick and easy

Applying HexaNaval ST requires substantial less labour than current insulating coating and damping systems. To apply HexaNaval ST correctly, please follow the HexaNaval manual. Human errors are reduced to almost null, therefore the quality of the work and the added weight is extremely consistent.



Less vibrations
More layers

Material

The thick visco elastic layer of HexaNaval ST adheres well to rough surfaces and smoothly follows the contours of curves. HexaNaval ST dimensions can simply be adjusted by using shears, knife or cutting devices.

HexaNaval ST properties

Standard top sheet	0,5 mm, added weight approx. 6 kg/m ²
Producible top sheet	0,75 mm, added weight approx. 7,4 kg/m ²
Producible top sheet	1,0 mm, added weight approx. 8,8 kg/m ²
Producible top sheet	1,5 mm, added weight approx. 11,7 kg/m ²
Producible top sheet	2,0 mm, added weight approx. 14,4 kg/m ²
Certificate	IMO FTP code certificated (on request)
Dimensions	290 x 240 mm or 290 x 195 mm



Less products –
More applications

Applications

- Ceilings
- Bulkheads
- Air ducts
- Enclosures
- Many more

