

CDM-ISO-CORE-MARINE

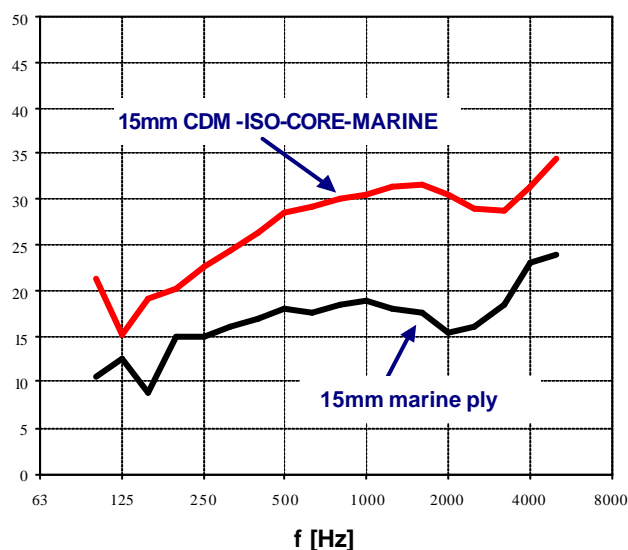
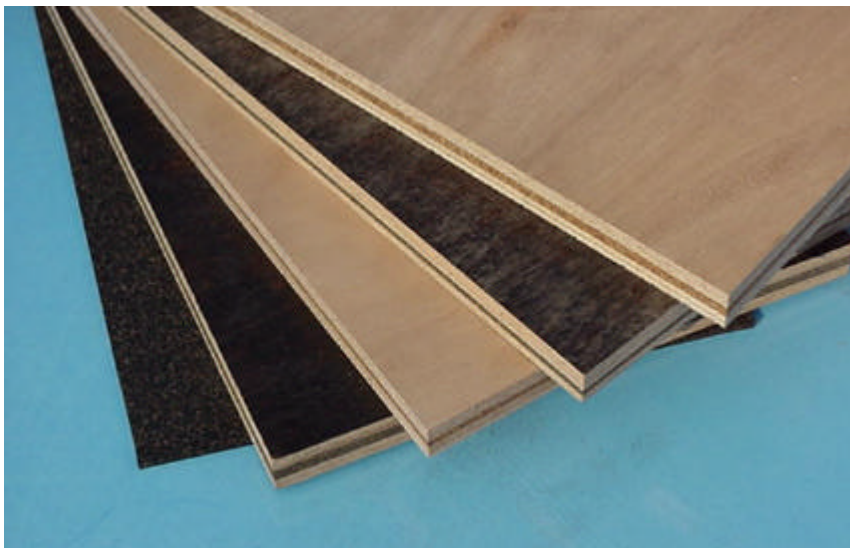


Sound Insulation Boards With Central Damping Layer

CDM-ISO-CORE-MARINE is a composite marine plywood board that maximises sound reduction with a minimum of weight.

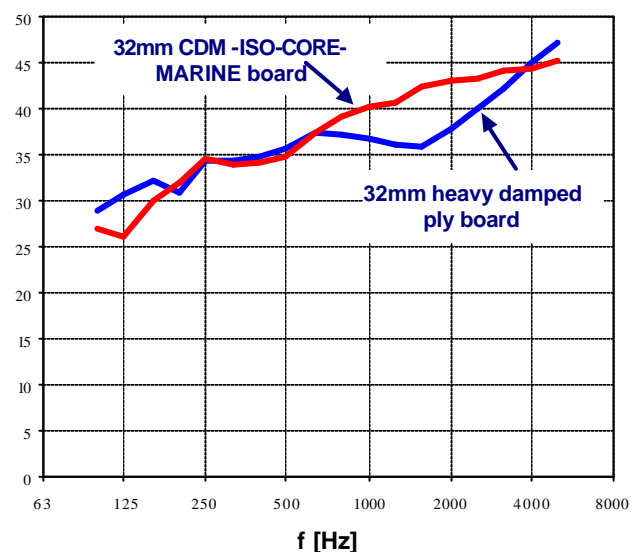
The central damping sheet is made from the **CDM-RC** range of materials and has been specially designed by CDM to provide the maximum amount of damping using the constrained layer damping method.

Standard **CDM-ISO-CORE-MARINE** boards consist of 6mm marine plywood either side of 3mm damping sheet making the total thickness of the panel 15mm. Other thicknesses available on request.



Standard 15mm marine plywood with a surface weight of 8.4kg/m^2 achieves a Sound Reduction Index, R_w , of 18dB.

A standard **CDM-ISO-CORE-MARINE** panel consisting of 6mm marine plywood either side of 3mm **CDM-RC** damping sheet, with a surface weight of 8.3kg/m^2 , achieves a Sound Reduction Index, R_w , of 30dB.



CDM-ISO-CORE-MARINE even performs better than heavy mass constrained layers. 13mm marine plywood either side of a 6mm heavy mass layer with a total surface weight of 31kg/m^2 achieves a Sound Reduction Index, R_w , of 38dB.

A **CDM-ISO-CORE-MARINE** panel consisting of 12mm marine plywood either side of 8mm **CDM-RC** damping sheet, with a surface weight of 24kg/m^2 , achieves a Sound Reduction Index, R_w , of 40dB.

CDM-ISO-MARINE

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