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Innovative light-weight materials for ship interiors

Abstract

Weight saving is often a priority issue in today's naval ship design.

COMPOLITE® is a line of innovative materials developed to reduce the weight of ship interiors, such as fire-partition panels, ceilings, floors, air ducts and furniture, by replacing materials like metals, mineral fibre or calcium silicate.

COMPOLITE® is produced by compression moulding of a composite matrix whose key components are hollow micro-spheres and thermosetting resins.

The result is a material that is very easy to work with, and that shows outstanding properties of mechanical strength and fire resistance, the non-combustible version being CE-MED certified as per IMO Res. MSC.61, Annex I - Part 1.

best regards

Massimiliano Ghirlanda

A handwritten signature in dark ink, appearing to read 'Massimiliano Ghirlanda', written in a cursive style.