Cruising with a reduced footprint

Amorim ACM52 - Interior primary decking
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With the help of ACM52, an innovative and sustainable cork-based interior primary back solution which ensures that ships comply with safety standards while significantly reducing their carbon footprint.
Green shipbuilding reaches cruise speed with the help of ACM52, an innovative and sustainable interior primary decking solution which ensures that vessels continue to comply with the industry’s stringent safety standards whilst reducing their carbon footprint.

Cork technology is making an important contribution to a cleaner, greener cruise ship industry, ACM52 is an extremely versatile lightweight composite material with excellent thermal and acoustic insulation properties.

Because its main constituent is cork which is a 100% natural, reusable and recyclable material, ACM52 stands out as a particularly valuable solution for sustainable deck construction certified to IMO Fire Test Protocol for Primary Decking applications up to 50mm in thickness.

The key factor in ensuring a negative carbon footprint is the fact that the cork oak forest is a carbon sink, responsible for retaining -73 tons of CO2 per ton of cork produced. ACM52 has a negative carbon footprint of -73 tons of CO2 per ton of cork, corresponding to 2.7 kilotons of CO2 retention.

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ACM52 is a cork composite material especially designed to be used as an interior primary deck covering with 5 to 50 mm thickness, on metallic substrates. Certified in compliance with stringent fire, smoke and toxicity standards, ACM52 has exceptionally low thermal conductivity, providing damping performance with acoustic benefits.

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