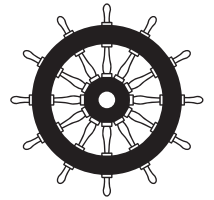


ACM52

Material Data Sheet

Interior Primary Deck Covering



0038/19
USCG-EU MRA

ACM52 is a cork composite material specially designed to be used as an **interior primary deck** covering from 5 to 50mm thick on metallic substrates.

Designed to fire, smoke and toxicity standards with additional unique features such as exceptional lightweight, low thermal conductivity, damping performance and versatility. ACM52 is a sustainable ecological solution, that contributes to decrease the carbon footprint providing benefits in green shipbuilding and comfort in flagged ships. These unique characteristics contribute to improve vessel performance and rating and consequently energy savings.

DENSITY (kg/m ³) ⁽¹⁾	380-450
THERMAL CONDUCTIVITY [W/m ² K] ⁽²⁾	0,065*
COMPRESSION MODULUS @ 10mm [MPa]	14,7*
BENDING MODULUS @ 10mm [MPa]	64,4*
LOSS FACTOR @ 15mm ⁽³⁾	0,11*

⁽¹⁾ ISO 7322 ⁽²⁾ ISO 8302 ⁽³⁾ ASTM E758 & SAE J1637 Oberst Method
* Typical values

Certified to IMO Res. MSC.307 (88) – (2010 FTP Code) Annex 1, Part 5 & Part 2 MSC / Circ.1120, compliant with the Council Directive 2014/90 EU of the European Parliament and of the Council of the 23 July 2014 on marine equipment directive and repealing Council Directive 96/98/EC and EU-US Mutual Recognition Agreement 2004/425/EC.

EC Type Examination (Module B) Certificate **Nº. MED 1950016**

USCG Approval number **164.106 / ECO0038 / MED 1950016**

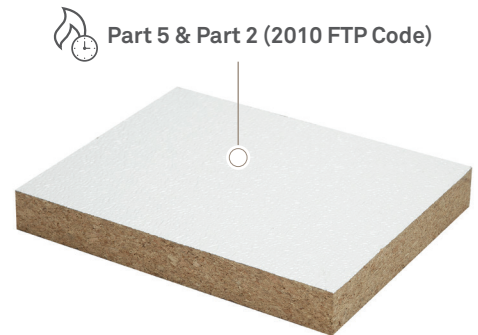


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Lightweight



Acoustic isolation



Fire & smoke resistance



Thermal insulation



Sustainable and energy efficient