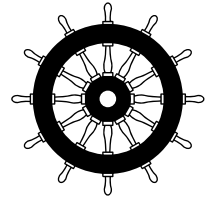


ACM30

Material Data Sheet

ACM30 is a cork composite material specially designed to be used as an exterior primary deck covering from 5 to 50mm thick, for levelling and fairing on metallic substrates.

Additional features such as its exceptional lightweight, low thermal conductivity, damping performance and versatility, provides benefits in comfort to flagged ships, improving vessel performance and rating and consequently energy savings.



0038/17
USCG-EU MRA

DENSITY (kg/m ³) ⁽¹⁾	320-420
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 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 1750072**

EC (Module D) Certificate of Conformity **Nº. MED 1750094**

USCG Approval number **165.106 / EC0038 / MED 1750072**



Issued by Lloyd's
Register Verification Ltd
Notified Body No. 0038



The data provided in this Material Data Sheet represents typical values. This information is not intended to be used as a purchasing specification and does not imply suitability for use in a specific application. Failure to select the proper sealing product may result in either product damage or personal injury. Please contact Amorim Cork Composites regarding recommendations for specific applications. Amorim Cork Composites expressly disclaims all warranties, including any implied warranties or merchantability or of fitness for a particular purpose. Amorim Cork Composites is not liable for any indirect, special, incidental, consequential, or punitive damages as a result of using the information listed in this material data sheet, any of its brochures, its products or any future use or re-use of them by any person or entity. **For contractual purposes, please request our Product Specifications Sheet (PDA).**

www.amorimcorkcomposites.com



Lightweight



Acoustic isolation



Fire resistance



Thermal insulation



Sustainable and energy efficient