

ACM94 is a cork composite material used for deck coverings in luxury marine vessels and pool decks.

Sustainable and 100% natural, this product offers exquisite aesthetics and a soft and cool under-foot feeling even on the warmest days, delivering extraordinary comfort and grip.

| | |
|--|--------|
| Specific weight (kg/m ³) ⁽¹⁾ | >450 |
| Tensile strength (MPa) ⁽²⁾ | >1 |
| Compressibility @ 0,7 MPa (%) ⁽³⁾ | <20 |
| Compression modulus @ 8mm (MPa) | 13,0* |
| Bending modulus @ 8mm (MPa) | 53,0* |
| Thermal conductivity (W/m ² K) ⁽⁴⁾ | 0,079* |
| Wear resistance - thickness change (%) ⁽⁵⁾ | <2,5* |
| Loss factor: 20°C @ 1 Hz - 8mm | 0,17* |

⁽¹⁾ ISO 7322 ⁽²⁾ ISO 7322 ⁽³⁾ ISO 7332 ⁽⁴⁾ ISO 8302 ⁽⁵⁾ TABER 1000 CYCLES; CS-17; 1000g

* Typical values

Standard dimensions

| | |
|-----------------|----------|
| Sheet size (mm) | 2000X900 |
| Thickness (mm) | 6 |

Walking comfort



Lightweight



Acoustic isolation



Thermal insulation



Sustainable and energy efficient



Key features

- Weather and wear resistance
- Easy to customize, install and maintain
- Lightweight material
- Cool soft under-foot feeling and non-slip
- Improve acoustic and thermal insulation
- Trimmed and machined with regular tools

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).

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