

**ACM49** is a cork rubber composite material used for deck coverings in professional and recreational marine vessels, pool decks, pontoons and wellness centers.

The combination of cork and selected rubbers leads to unique properties, providing a durable and slip resistant covering, with enviable aesthetics, easy to maintain and clean.

Density (kg/m <sup>3</sup> ) <sup>(1)</sup>	600-750
Tensile strength (MPa) <sup>(2)</sup>	>0,7
Compressibility @ 400 psi (%) <sup>(3)</sup>	30-50
Compression modulus @ 8mm (MPa)	9,8*
Bending modulus @ 8mm (MPa)	6,5*
Thermal conductivity (W/m <sup>2</sup> K) <sup>(4)</sup>	0,154*
Wear resistance - thickness change (%) <sup>(5)</sup>	<3,5*
Loss factor: 20°C @ 1 Hz - 8mm	0,19*

<sup>(1)</sup> ASTM F1315 <sup>(2)</sup> ASTM F152 <sup>(3)</sup> ASTM F36 <sup>(4)</sup> ISO 8302 <sup>(5)</sup> TABER 1000 CYCLES; CS-17; 1000g  
\* Typical values

## Standard dimensions

Roll width (mm)	1000
Thickness (mm)	5 and 8

## Key features

- Weather and wear resistance
- Easy to customize, install and maintain
- Strong and flexible material
- 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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## Anti-slip



## Resistance and flexibility



## Acoustic isolation



## Thermal insulation



## Sustainable and energy efficient

