

# ACM94

## Material Data Sheet

**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 <sup>3</sup> ) <sup>(1)</sup>	>450
TENSILE STRENGTH (MPa) <sup>(2)</sup>	>1
COMPRESSIBILITY @ 0,7 MPa (%) <sup>(3)</sup>	<20
COMPRESSION MODULUS @ 8mm (MPa)	13,0*
BENDING MODULUS @ 8mm (MPa)	51,3*
THERMAL CONDUCTIVITY (W/m <sup>2</sup> K) <sup>(4)</sup>	0,079*
WEAR RESISTANCE - THICKNESS CHANGE (%) <sup>(5)</sup>	<2,5*
LOSS FACTOR: 20 °C @ 1 Hz - 8mm	0,17*

<sup>(1)</sup> ISO 7322 <sup>(2)</sup> ISO 7322 <sup>(3)</sup> ISO 7322 <sup>(4)</sup> ISO 8302

<sup>(5)</sup> TABER 1000 CYCLES; CS-17; 1000g

\* Typical values

### STANDARD DIMENSIONS

SHEET SIZE (mm)	2000x900
THICKNESS (mm)	6 and 8



**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