

ACM49

Material Data Sheet

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 ³) ⁽¹⁾	600-750
TENSILE STRENGTH (MPa) ⁽²⁾	>0,7
COMPRESSIBILITY @ 400 psi (%) ⁽³⁾	30-50
COMPRESSION MODULUS @ 8mm (MPa)	9,8*
BENDING MODULUS @ 8mm (MPa)	6,5*
THERMAL CONDUCTIVITY (W/m ² K) ⁽⁴⁾	0,164*
WEAR RESISTANCE - THICKNESS CHANGE (%) ⁽⁵⁾	<3,5*
LOSS FACTOR: 20 °C @ 1 Hz - 8mm	0,19*

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

STANDARD DIMENSIONS	
ROLL WIDTH (mm)	1000
THICKNESS (mm)	5 and 8



Anti-slip



Resistance and flexibility



Acoustic isolation



Thermal insulation



Sustainable and energy efficient

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