

TECHNICAL DATA SHEET

DESCRIPTION

AcoustiTECH's CERAMIC membrane is designed for ceramic or natural stone floors. This membrane composed of non-woven synthetic fibers is the most efficient in its category. Its compatibility with underfloor heating systems and its anti-fracture properties make it the #1 choice for your projects.

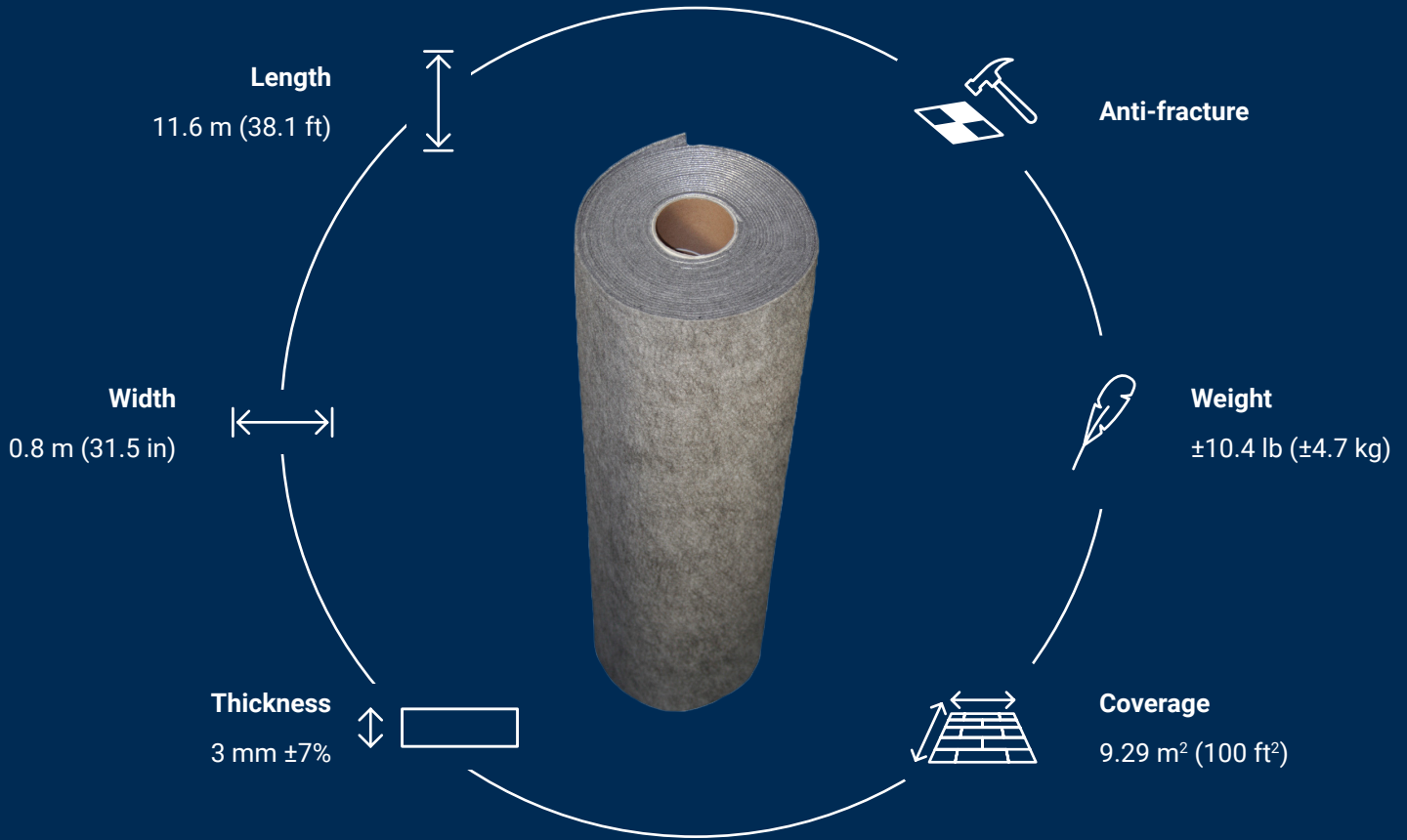
COMPATIBILITY

ADHESIVE

AD-280

FLOORING

Ceramic
Natural stone



THERMAL COMFORT



ACOUSTIC COMFORT



MECHANICAL STRENGTH

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PERFORMANCE TABLE

Test	Suspended ceiling	Structure	Flooring type	Installation	Acoustic performance	Acoustic comfort
T.181	Yes	Concrete 9"	Ceramic	Mortar	AiIC: 58	A-HiIC: 56
T.205.12	No	Concrete 8"	Ceramic	Mortar	AiIC: 56 ASTC: 60	A-HiIC: 55
T.169	No	Concrete 8"	Ceramic	Mortar	IIC: 53 STC: 59	HiIC: 53

PHYSICAL PROPERTIES

Type of fibre	Needle-punched polypropylene fibers
VOC	0 g/L
Moisture	Rot-resitant
Flammability	1 (National Fire Protection Association. NFPA)
Type of film	Non-woven polyethylene
Length	11.6 m (38.1 ft)
Width	0.8 m (31.5 in)
Thickness	3 mm ±7%
Weight	±10.4 lb (±4.7 kg)
Coverage	9.29 m ² (100 ft ²)

TECHNICAL DATA

PERM (vapor barrier) ASTM E96	N/A
R factor ASTM C518	0.439
R factor of the assembly ASTM C518	0.878 to 1.317 without floor covering
Robinson ASTM C-267	Light commercial
Grab tensile strength CAN-148.1 - no 7.3	1000 N ±5%
Grab tensile elongation CAN-148.1 - no 7.3	50% to 100%
"Mullen" bursting CAN-4.2 - no 11.1	2700 kPa ±5%
Trapezoidal tear CAN-4.2 - no 12.1	400 N ±5%
Reflectivity	70%

