

TECHNICAL DATA SHEET

DESCRIPTION

The AcoustiTECH Premium membrane is suitable for all types of floated flooring installations. With a vapor barrier membrane integrated to the underlayment, it is a must have for your floated installation projects.

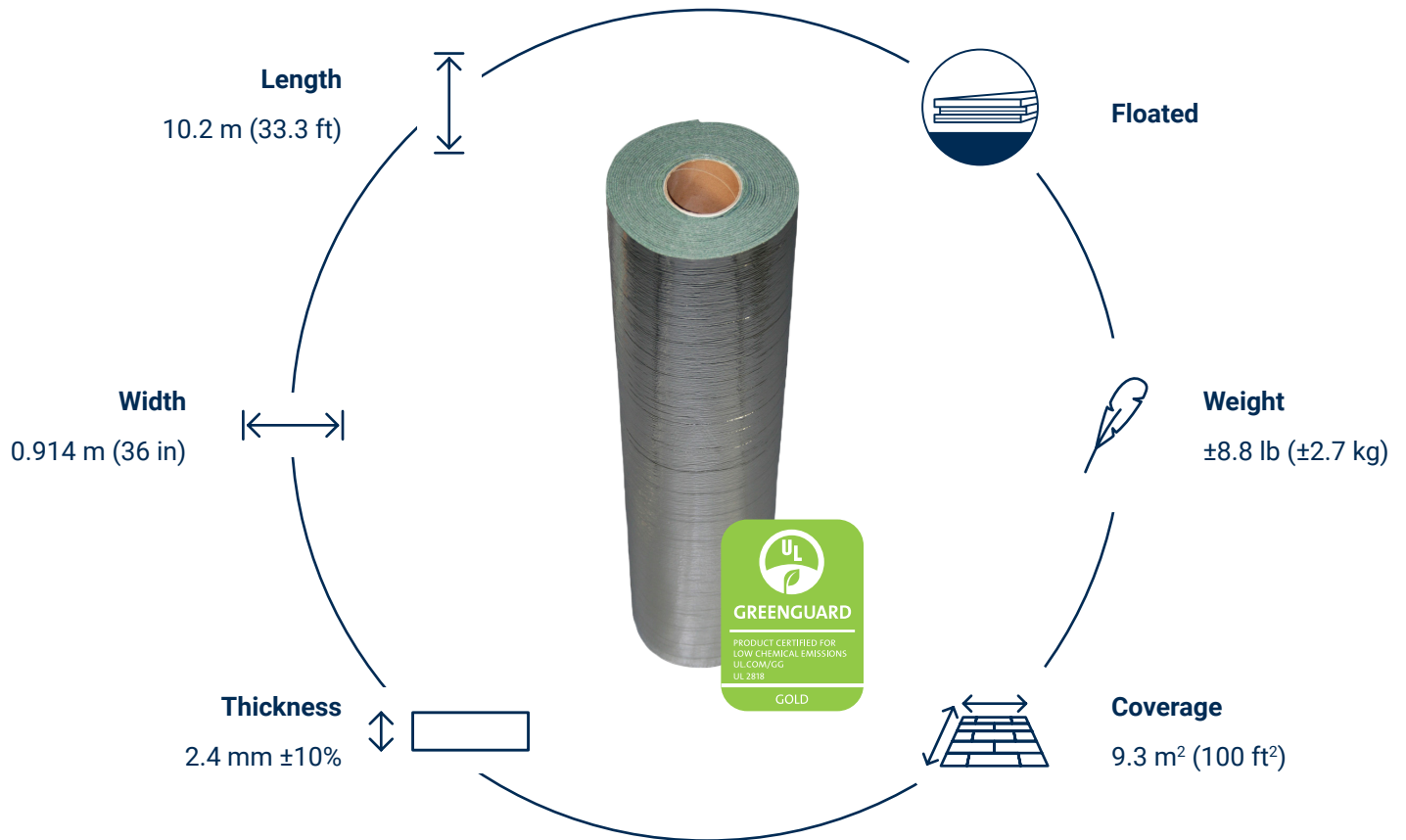
COMPATIBILITY

ADHESIVE

N/A

FLOORING

Engineered floors
Laminate



THERMAL COMFORT



ACOUSTIC COMFORT



MECHANICAL STRENGTH

TECHNICAL DATA SHEET

PERFORMANCE TABLE

Test	Suspended ceiling	Structure	Flooring type	Installation	Acoustic performance	Acoustic comfort
T.71.3	Yes	Concrete 9"	Engineered	Floated	AiIC: 71	A-HiIC: 84
T.106.9	No	Wood + Insonomat + Concrete 1,5" + Insonomat + insulation + Acoustivibe + gypsum board (2x)	Engineered	Floated	AiIC: 66	A-HiIC: 84
T.8.13	No	Concrete 9"	Laminate	Floated	AiIC: 63	A-HiIC: 72
T.17.2	No	Concrete 8"	Laminate	Floated	AiIC: 57	A-HiIC: 64
T.45.3	No	Steel - 4" Concrete	Laminate	Floated	AiIC: 62	A-HiIC: 74

PHYSICAL PROPERTIES

Type of fibre	Needle-punched polyester
Type of film	Laminated polyester
VOC	0 g/L
Moisture	Rot-resitant
Flammability	1 (National Fire Protection Association. NFPA)
Length	10.2 m (33.3 ft)
Width	0.914 m (36 in)
Thickness	2.4 mm ± 10%
Weight	±8.8 lb (±2.7 kg)
Coverage	9.3 m ² (100 ft ²)

TECHNICAL DATA

PERM (vapor barrier) ASTM E96	0.09
R factor ASTM C518	0.439
R factor of the assembly	0.439 to 0.878 without floor covering
Robinson ASTM C-267	N/A
Grab tensile strength CAN-148.1 - no 7.3	700 N ±5%
Grab tensile elongation CAN-148.1 - no 7.3	60% to 110%
"Mullen" bursting CAN-4.2 - no 11.1	2250 kPa ±5%
Trapazoidal tear CAN-4.2 - no 12.1	275 N ±5%
Reflectivity	94%

