

TECHNICAL DATA SHEET

DESCRIPTION

When looking for performance combined with the intention to respect the environment, look no farther than our innovative Lead series. Made of recycled non-woven synthetic fibres, these underlayments were specially designed for double-guled down engineered wood flooring.

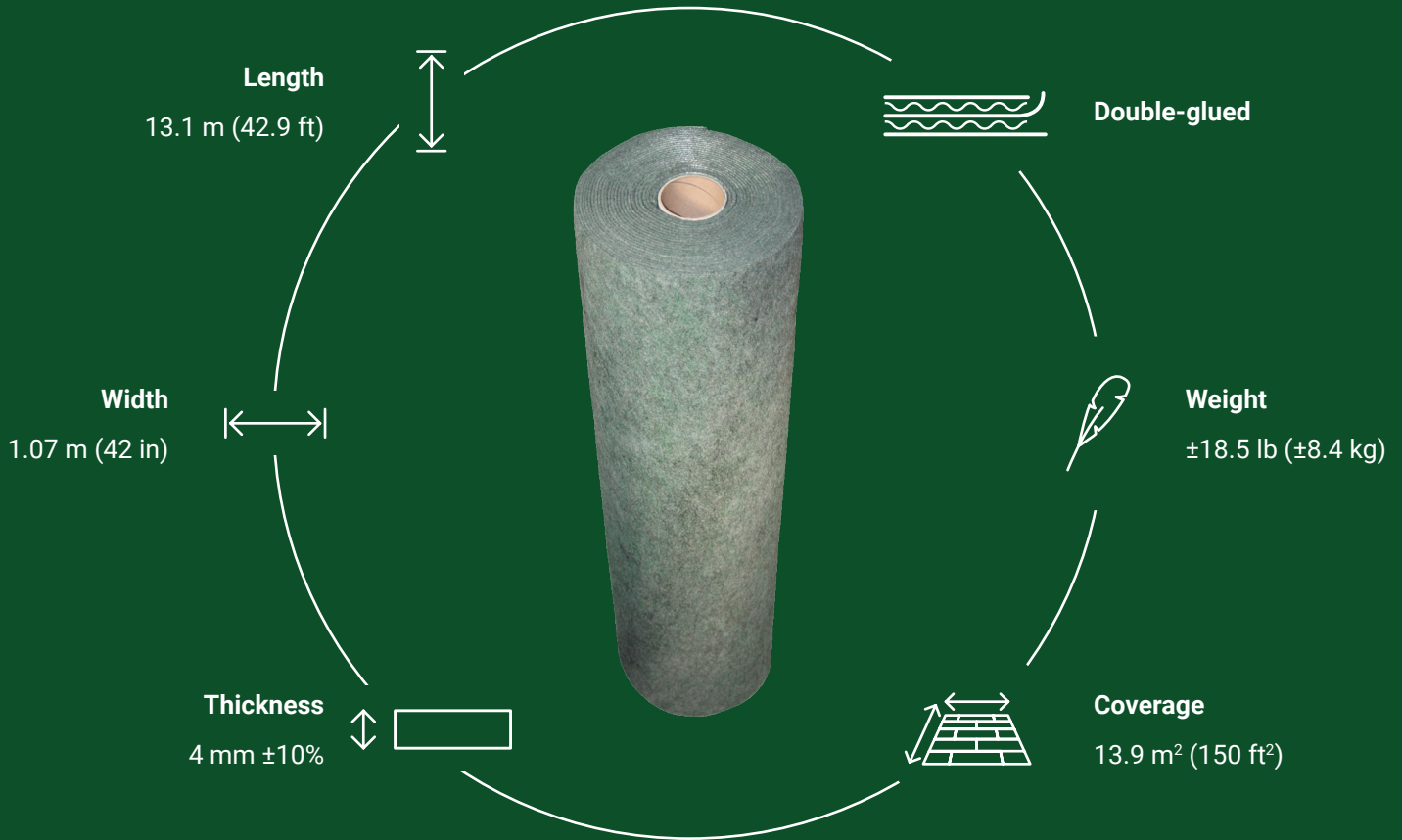
COMPATIBILITY

ADHESIVE

AD-844 MS
AD-532+

FLOORING

Engineered wood floor



THERMAL COMFORT



ACOUSTIC COMFORT



MECHANICAL STRENGTH

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PERFORMANCE TABLE

Test	Suspended ceiling	Structure	Flooring type	Installation	Acoustic performance	Acoustic comfort
T.71.5	Yes	Concrete 9"	Engineered	Double-glued	AiIC: 72	A-HiIC: 74
T.97	No	Concrete 8"	Engineered	Double-glued	IIC: 53 STC: 54	A-HiIC: 56
T.150.4	Yes	Hollowcore 8"	Engineered	Double-glued	AiIC: 60	A-HiIC: 62

PHYSICAL PROPERTIES

Type of fibre	Needle-punched recycled polyester
Type of film	Needle-punched recycled polyester
VOC	0 g/L
Moisture	Rot-resitant
Flammability	1 (National Fire Protection Association. NFPA)
Length	13.1 m (42.9 ft)
Width	1.07 m (42 in)
Thickness	4.5 mm ±10%
Weight	±18.5 lb (±8.4 kg)
Coverage	13.9 m ² (150 ft ²)

TECHNICAL DATA

PERM (vapor barrier) ASTM E96	N/A
R factor ASTM C518	0.512
R factor of the assembly ASTM C518	1.390 without floor covering
Robinson ASTM C-267	N/A
Grab tensile strength CAN-148.1 - no 7.3	1250 N ±5%
Grab tensile elongation CAN-148.1 - no 7.3	75% to 120%
"Mullen" bursting CAN-4.2 - no 11.1	3050 kPa ±5%
Trapezoidal tear CAN-4.2 - no 12.1	525 N ±5%
Reflectivity	70%

