

# 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.

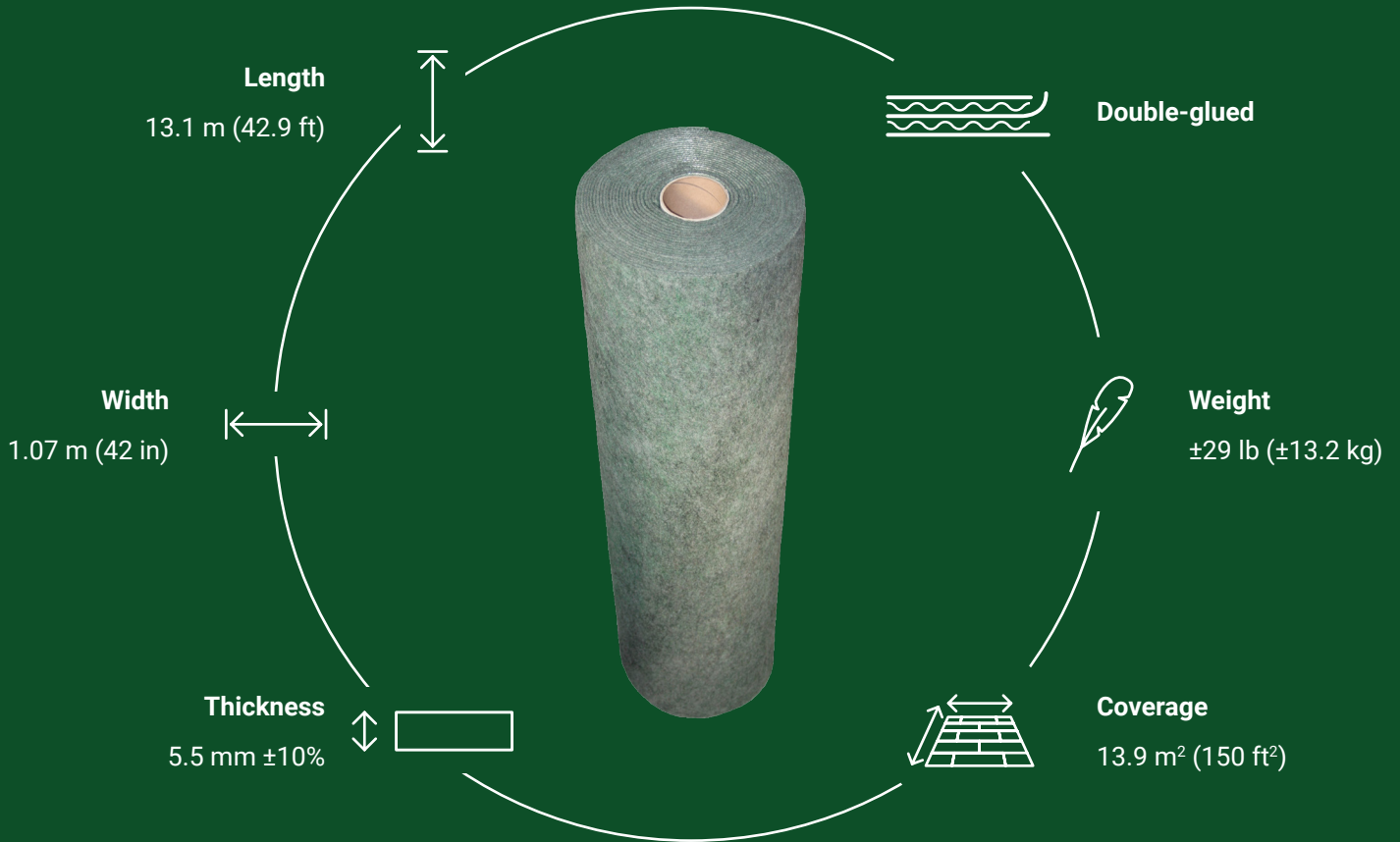
## COMPATIBILITY

### 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.143.4	Yes	Concrete 9"	Engineered	Double-glued	AiIC: 69	A-HiIC: 69
T.54.6	No	Concrete 8"	Engineered	Double-glued	IIC: 59	HiIC: 66
T.205.8	No	Concrete 8"	Engineered	Double-glued	AiIC: 58	A-HiIC: 59
T.10	N/A	Hambro D500 - 3,5" Concrete	Engineered	Double-glued	AiIC: 58	A-HiIC: 68

## 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	6 mm ±10%
Weight	±29 lb (±13.2 kg)
Coverage	13.9 m <sup>2</sup> (150 ft <sup>2</sup> )

## TECHNICAL DATA

PERM (vapor barrier) ASTM E96	N/A
R factor ASTM C518	0.693
R factor of the assembly ASTM C518	1.571 without floor covering
Robinson ASTM C-267	N/A
Grab tensile strength CAN-148.1 - no 7.3	1800 N ±5%
Grab tensile elongation CAN-148.1 - no 7.3	75% to 120%
"Mullen" bursting CAN-4.2 - no 11.1	N/D
Trapezoidal tear CAN-4.2 - no 12.1	880 N ±5%
Reflectivity	70%

