

# 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 underlays were specially designed for double-glued down engineered wood flooring.

## COMPATIBILITY

**ADHESIVE**  
AD-844 MS  
AD-532+

**FLOORING**  
Engineered wood floor



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## PERFORMANCE TABLE

Test	Suspended ceiling	Structure	Flooring type	Installation	Acoustic performance	Acoustic comfort
T.71.4	Yes	Concrete 9"	Engineered	Double-glued	AIIC: 70	A-HIIC 75
T.54.4	No	Concrete 8"	Engineered	Double-glued	IIC: 57	HIIC: 65
T.184.2	No	Concrete 8"	Engineered	Double-glued	AIIC: 56	A-HIIC: 59
T.204.1	No	Concrete 10"	Engineered	Double-glued	AIIC: 64	A-HIIC 74

## PHYSICAL PROPERTIES

Type of fibre	Needle-punched recycled polyester
Type of film	Needle-punched recycled polyester
VOC	0 g/L
Moisture	Rot-resistant
Flammability	1 (National Fire Protection Association. NFPA)
Length	13.1 m (42.9 ft)
Width	1.07 m (42 in)
Thickness	3.1 mm ±10%
Weight	±13.2 lb (±6 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	0.439
R factor of the assembly ASTM C518	1.317 without floor covering
Robinson ASTM C-267	N/A
Grab tensile strength CAN-148.1 - no 7.3	840 N ±5%
Grab tensile elongation CAN-148.1 - no 7.3	70% to 110%
"Mullen" bursting CAN-4.2 - no 11.1	2000 kPa ±5%
Trapazoidal tear CAN-4.2 - no 12.1	350 N ±5%
Reflectivity	70%



IRREGULAR AIR CELLS

INSTALLATION WITH  
ENGINEERED FLOORING

LIGHT



NO VOC



EASY TO INSTALL



EASY TO GLUE

COMPATIBLE WITH  
HEATED FLOORS