

TECHNICAL DATA SHEET

DESCRIPTION

AcoustiTECH's LV is designed for floating vinyl floor coverings. This light and thin product has proven itself in several multi unit constructions for its acoustic and mechanic performance.

COMPATIBILITY

ADHESIVE

N/A

FLOORING

Vinyl

4 mm core



THERMAL COMFORT



ACOUSTIC COMFORT



MECHANICAL STRENGTH

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PERFORMANCE TABLE

Test	Suspended ceiling	Structure	Flooring type	Installation	Acoustic performance	Acoustic comfort
T.109.3	No	Concrete 8"	Vinyl	Floated	AIIC: 63	A-HIIC: 70
T.104.5	No	Concrete 11"	Vinyl	Floated	AIIC: 64	A-HIIC: 72
T.161.6	No	Steel - 4" Concrete	Vinyl	Floated	AIIC: 67 ASTC: 66	A-HIIC: 78
T.105.42	Yes	Hambro D500 - 4" Concrete	Vinyl	Floated	AIIC: 69	A-HIIC: 73
T.107.16	No	Hambro D500 - 3,5" Concrete	Vinyl	Floated	AIIC: 57	A-HIIC: 68
T.106.8	N/A	Wood + concrete 1,5" + Insonomat + Acoustivibe + gypsum board (2x)	Vinyl	Floated	AIIC: 68	A-HIIC: 87

PHYSICAL PROPERTIES

Type of fibre	Non-woven polypropylene
Type of film	Needle-punched polyethylene
VOC	0 g/L
Moisture	Rot-resitant
Flammability	1 (National Fire Protection Association. NFPA)
Length	12.2 m (40 ft)
Width	1.14 m (42 in)
Thickness	2.1 mm ± 10%
Weight	±6.7 lb (±2.7 kg)
Coverage	13.94 m ² (150 ft ²)

TECHNICAL DATA

PERM (vapor barrier) ASTM E96	N/A
R factor ASTM C518	0.439
R factor of the assembly ASTM C518	0.439 to 0.878 without floor covering
Robinson ASTM C-267	N/A
Grab tensile strength CAN-148.1 - no 7.3	900 N ±5%
Grab tensile elongation CAN-148.1 - no 7.3	50% to 100%
"Mullen" bursting CAN-4.2 - no 11.1	2000 kPa ±5%
Trapezoidal tear CAN-4.2 - no 12.1	300 N ±5%
Reflectivity	0%

