

TECHNICAL DATA SHEET

Softlon® Silent Shield™ Floating Timber Floor Underlay

Property	Typical Value	Test Method	Softlon® Tuff Features
Thickness Conformability	- 2 mm	ISO 1923	2mm Softlon® Tuff is very conformable and levels out moderately rough structural floors.
Drum Performance	Sound AA	Internal	Excellent in reducing the drum sound of floating timber floors.
Impact Transmission* $L'_{nT,w} + C_i$	51	ISO 717-2	Meets the BCA requirements for impact sound isolation ($L'_{n,w} + C \leq 62$). Field Impact Isolation Class (FIC) = 57.
Impact Resistance, Large ball' **	1700 mm	EN 13329/ EN 438-2	Meets the properties as defined by NALFA for residential, light commercial and commercial floors.
Compressive Strength	60 kPa @ 0.5mm deflection	ISO844/ EN 13163	Has 3x the minimum strength advisable to prevent potential damage of the T&G (click or non-click laminate) upon applied load.
Compressive Creep	15 kPa @ 10 years, <0.2 mm	EN 1606/ EN 13163	Does not flatten out under long term static loads of up to 1.5 tonnes/m ² .
Thermal Resistance	0.054 m ² .°K/W @ 10°C	ISO 8301	Excellent performance parameter in case of heated and non-heated floors.
Water Transmission (Permeance)	Vapour 0.015 µg/N.s @ 23°C	ASTM E96	Provides a very effective barrier to water vapour transmission, (ref. AS 2870).
Water Absorption	<1% v/v	Internal	100% closed cell material does not absorb any significant amount of water.

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This information on Sekisui Foam International products is presented to the best of our knowledge. All product data is based on average values and is for guidance only. As these products are subject to constant research and development, we reserve the right to update the contents without notice.

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