






Features, Benefits and Technical Information

Silent Shield Features	Property	Standard	Test Value	Unit
2mm Silent Shield is very comfortable and levels out moderately rough structural floors	 Thickness - Conformability	ISO 1923	2	mm
As a high density acoustic foam, Silent Shield is excellent in reducing the drum sound of floating floors	 Drum Sound Performance	Internal	AA	-
Meets the BCA requirements for impact sound isolation. Building Code of Australia (BCA) requires: L'n,w+C	 Impact Sound Transmission	ISO 717/2	18dB	DeltaLw
Improves the floor performance in meeting the properties as defined by NALFA for residential, light commercial and commercial floors	 Impact Resistance, Large ball	EN 13329 / EN 438-2	1700	mm
Has 3 times the minimum strength advisable to prevent potential damage of the T&G when punctual load is applied	 Compressive Strength at 0.5mm deflection	ISO 844 / EN 13163	60	kPa
Does not flatten out under long term static loads of up to 1.5 tonnes per square metre	 Compressive Creep (10 years, max. 10%) max. load	EN 1606 En 13163	15	kPa
Excellent performance parameter in case of heated and non-heated floors	 Thermal Resistance at 10°C	ISO 8301	0.054	m²K/W
100% closed cell material does not absorb any significant amount of water	 Water Absorption	Internal	< 1	Vol. %
Reduces vapour transmission but is not a waterproof membrane	 Water Vapour Transmission (Permeance)	ASTM E96 - 2000	0.015	ug/Ns

All floors must be tested for excessive slab moisture prior to installation. If moisture level is above 70% RH then an effective waterproof membrane must be applied. This applies for engineered timber, bamboo and laminate flooring.

Dimensions 1000mm width x 30 lineal metre roll