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InnvoLay™ Acoustic Underlay Data Sheet

Product Overview

Impact sound insulating underlay.

Applications

Suitable for new and old buildings requiring impact sound insulation under timber, vinyl, laminate, carpet or tile floors. Can be used in wet areas when used in conjunction with a waterproof membrane.

Specifications

InnvoLay Acoustic Underlay is available in rubber and combination rubber-and-cork options.

Type	Specifications	Details
Rubber	Material	Polymerically bound recycled rubber buffings.
	Density	From 600 kg/m ³ to 850 kg/m ³
	Thickness	2mm, 3mm, 4mm, 5mm, 6mm, 8mm, 10mm as well as custom thicknesses upon request.
	Dimensions	1.2 metre wide in various roll lengths
	Appearance	Black
Rubber/Cork	Material	Polymerically bound recycled rubber (70%) and granulated cork (30%).
	Density	720 kg/m ³
	Thickness	3mm, 4mm, 5mm, 6mm, 8mm, 10mm
	Dimensions	1.2 metre wide in various roll lengths
	Appearance	Black (rubber) and brown (cork)

Tolerance:	Width	±1.5%
	Roll length	±1.5%
	Thickness	±0.3mm
	Density	±1.0%

Impact Sound Reduction:	ΔLw = 22 dB with 2mm vinyl sheet
	ΔLw = 18 dB with timber
	ΔLw = 18 dB with ceramic tiles
	Tests carried out by CSIRO to the EN ISO 140-8 standard.
	Full test results available on request.

Physical properties:	Tear resistance	3.1N/mm ² (ISO 4674.1-2003(E))
	Hardness (Shore A)	50.0 (ASTM D2240-2003)
	Elongation at break	37.5% (AS2001.2.3.2-2001)
	Flamability Rating	B2 (DIN 4102-1)
	Temperature range	-25°C to 80°C

Disclaimer: The above specifications are derived from periodic tests taken on actual product from the manufacturing process. The data shown above represents the average values and/or performance calculated from these tests. Some variances are possible due to the use of recycled raw materials and common manufacturing tolerances. All users of the product despite our application examples should test for suitability of purpose prior to application. All orders for this product are subject to our standard Terms and Conditions of Sale.