



Product Description and Technical Data

Engineered wood and laminate flooring underlay

Kingléy KSS5 – 5 mm

Description

Kingléy KSS5 is a physically crosslinked closed-cell polyolefin foam specially developed and designed for use as acoustic underlay material for engineered wood and laminate flooring.

Kingléy KSS5 has excellent impact sound (transmission) properties.

Its excellent compressive creep performance makes it suitable for use in residential homes.

Application

Kingléy KSS5 can be used as separate underlay material.

Kingléy KSS5 provides good conformability and is advisable to be used in applications where a relatively rough structural floor needs to be leveled out.

The given values for water vapor diffusion (s_d) are valid for the foam sheet only and when the butted joints are carefully taped.

Due to its good thermal resistance Kingléy KSS5 is not suitable for heated floors.

Technical Data

Property	Standard	Thickness	Unit
Thickness	ISO 1923	5	mm
Drum sound	internal	A	
Impact sound*	ISO 140-8 / ISO 717-1	23	dB
Compressive Strength at 0.5 mm deflection	ISO 844/ EN 13163	19	kPa
Compressive creep (10 years, max. 12/10 %) max. load	EN 1606/ EN 13163	3	kPa
Thermal resistance at 10°C	ISO 8301	0.147	m ² K/W
Water vapour diffusion equivalent air layer thickness s_d (23°C, 0-50% rel. hum.)	ISO 1663	35	m
Water absorption	EN 12087-2C	<1	Vol. %

* tested at SRL (UK) under 5 mm chipboard laminate

Note

This information about Kingléy is presented to our best knowledge. All test data are average values and should be considered as guidelines only.

Kingléy is combustible and should not be exposed to flame or other sources of ignition.

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SUBFLOOR SYSTEMS

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