1. Application Sector

KINLAYMENT is the ideal rubber underlay in floating screed / concrete slab systems. Another application is for example underneath rigid floor elements on wooden sub floors. Also as edge strip it can be cut. This underlay can be used also under parquet, laminate, carpeting and ceramic tiles and reduces unwanted noise – within your own four walls and those of your neighbours as well.

KINLAYMENT is particularly quick and easy to install and is providing extremely high resistance to compressive loads and outstanding elasticity. It is equally well suited for applications in residential, office and commercial buildings.

2. Material

Granules rubber with polyurethane bonding agent

3. Appearance

colour: black with some colored spots

surface: granule structure

4. Dimensions/Tolerances

width: 1,000 mm (± 1.5 %)

length: on demand (± 1.5 %)

available thicknesses: 2.5, 3, 4, 5, 6, 8, 12, 15 mm (± 0.6 %)

5. Leadership in Energy and Environmental Design - LEED

Within the Construction industry it has been noted that the need for resilient, recycled rubber underlayment for the treatment of “Sound Impact“ noise under all types of floor finishes has grown significantly. With the changing landscape with respect to the need for greater medium to high-density living construction (e.g. apartments), the search has been on to find a sustainable and practical solution to appease the amenity concerns surrounding the related and obvious noise issues and hence the reason as to why we have seen an increase in appeal for such isolating, easy to install and durable acoustic underlay products. provides an extensive range of acoustic and vibration insulation products that are manufactured using various, environmentally friendly raw materials. All of our products are manufactured using a high recycled content. Our products are produced via an environment-friendly process utilizing recycled rubber granules. Our products can assist in earning up to 4 points in the category “Materials and Resources“.

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6. Physical Characteristics

Characteristic	Value	Test method	Comment
Density	760-860 kg/m³		
Tensile strength	min. 0.3 N/mm²	ISO 1798	
Elongation at break	min. 40 %	ISO 1798	
Service temperature range	-30 to 120° C		
Impact sound improvement ΔL_w	19 dB	ISO 10140/ISO 717	3 mm under 45 mm screed
	20 dB	ISO 10140/ISO 717	4 mm under 45 mm screed
	21 dB	ISO 10140/ISO 717	5 mm under 45 mm screed
Impact sound improvement ΔIIC	23 dB	ASTM E2179 / E 989	3 mm under 45 mm screed
	23 dB	ASTM E2179 / E 989	4 mm under 45 mm screed
	24 dB	ASTM E2179 / E 989	5 mm under 45 mm screed

7. Installation

Installation is to be carried out in accordance with **KINLAYMENT** installation instructions.