

TECHNICAL DATA SHEET

Product: IsoRubber Standard
Issue Number: 001
Issue Date: April 2020

Product Information

Description

IsoRubber Standard is a dense impact sound isolator or cushioning underlay manufactured from granulated reclaimed rubber.

Colour: Black with some coloured spots.
Surface: Granular.

Applications

Acoustic insulating underlay for use beneath screed or boarded floating floors and also as a resilient covering over concrete or timber floors beneath floor finishes. IsoRubber Standard can provide compliance with Approved Document Part E on various concrete and timber floors, please see product brochure for further details.

Suitable for use below textile floor finishes, timber overlays and laminate flooring. Can also provide a combined acoustic and decoupling layer below tiled floor finishes.

Appearance & Packaging

Supplied in rolls in stock sizes (*other sizes available on request*):

- 1m x 10m

Physical Properties

Thickness: 2mm, 3mm, 4mm and 5mm (others on request)
Density: 760 - 860kg/m³
Tensile Strength: min 0.3N/mm² (EN ISO 1798)
Elongation at Break: min 30% (EN ISO 1798)
Service Temp. Range: -30°C to + 120°C

If you require any further technical information please contact our Technical Department on 01582 544255.

Acoustic Test Data

Impact ΔL_w : (EN ISO 10140)

- 3mm (below 45mm screed) 19 dB
- 4mm (below 45mm screed) 20 dB
- 5mm (below 45mm screed) 21 dB
- 2mm (below 10mm bamboo laminate) 16 dB
- 3mm (below 10mm bamboo laminate) 16 dB
- 2mm (below 11mm beech laminate) 21 dB
- 3mm (below 11mm beech laminate) 22 dB

Environmental Data

IsoRubber Standard is manufactured from 100% recycled or diverted landfill rubber (ie: prime rubber manufacturing waste and car tyres with a proportion of binding agent). Rubber is a naturally occurring, sustainable material and IsoRubber Standard is completely recyclable.

No blowing agents, CFCs or HCFCs are used during the manufacturing process.

Global Warming Potential : 0

Ozone Depletion Potential : 0

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