

TECHNICAL DATA SHEET

Product: IsoRubber Base
Issue Number: 007
Issue Date: January 2014

Product Information

Description

IsoRubber Base is a dense, rubber composite, impact sound isolator or cushioning underlay.

Colour: Black.
Surface: Smooth, granular.

Application

Acoustic insulating underlay approved for use beneath screed on pre-cast concrete floors (*Robust Detail E-FC-4*). Site tested for compliance with Approved Document Part E on various concrete and timber floors. Suitable for textile floor finishes, timber overlays and laminate flooring.

Appearance & Packaging

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

- 1m x 10m

Physical Properties

Thickness:	6mm	
Density:	635kg/m ³	
Tensile Strength:	0.3N/mm ²	(EN ISO 1978)
Elongation at Break:	40%	(EN ISO 1978)
Service Temp. Range:	-30°C to + 80°C	

Acoustic Test Data

Impact ΔL_w : 22 dB (EN ISO 140-8 and EN ISO 717-2)

The below table shows the mean average of actual site test results when using IsoRubber Base.

Site	Average of DnT,W + Ctr	Average of L'nT,w
54 Walsall Road, Four Oaks, Sutton Coldfield	50.89	53.22
Bath Road, Slough	54.00	53.67
Countryside Properties, Rawreth Lane, Rayleigh	50.25	52.38
Merchants Place, Abingdon	50.38	52.38
Plots 23-28 Saxon Walk, Laindon, Essex	52.50	56.63
St Georges, Providence Hill, Bursledon	52.33	56.00
The Gardens, Eastleigh	51.00	57.00
The Grove, Hayes	56.00	51.50
The Woodlands, Balderton, Newark	53.83	55.00

Environmental Data

IsoRubber Base 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 Base is completely recyclable.

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

Global Warming Potential : 0

Ozone Depletion Potential : 0

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