

TECHNICAL DATA SHEET

Product: IsoRubber CC3
Issue Number: 002
Issue Date: January 2014

Product Information

Description

IsoRubber CC3 is a dense, rubber and cork composite, impact sound isolator or cushioning underlay. Due to its plasticizer free formulation IsoRubber CC3 is not affected by softener discoloration or colour migration.

Colour: Multi-coloured
Surface: Granular texturing

Application

Acoustic insulating overlay approved for use on top of screeded pre-cast concrete floors to provide 3 Code for Sustainable Homes Credits (*Robust Detail E-FC-16*). Suitable for use directly below ceramic & stone tiles, vinyl, laminate and wooden floor finishes.

Appearance & Packaging

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

- 1m x 20m

Physical Properties

Thickness:	3mm \pm 0.3 mm	
Density:	610kg/m ³	
Tensile strength:	0.3N/mm ²	(EN ISO 1798)
Ultimate elongation:	20 %	(EN ISO 1798)
Service Temp. Range:	-30°C to 80°C	

Thermal Performance

Thermal Resistance: 0.04m² · K/W (for 3mm thick product) (DIN 52612)
Thermal Conductivity: 0.075W/m · K

Acoustic Test Data

The following table shows the mean average of actual site test results using IsoRubber CC3 to insulate a 150mm pre-cast hollow-core concrete plank.

Site	Average of DnT,W + Ctr	Average of L'nT,w
Parklands, North Shoebury Road, Shoeburyness, SS3 8UH	52.5	51.25
St Mary's Road, Kettering, CW8	53	51

Environmental Data

IsoRubber CC3 is manufactured from recycled or diverted landfill rubber (ie: prime rubber manufacturing waste and car tyres with a proportion of binding agent). Rubber and cork are naturally occurring, sustainable materials and IsoRubber CC3 is completely recyclable.

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

Global Warming Potential : 0

Ozone Depletion Potential : 0