



ISORUBBER FR- HIGH PERFORMANCE ACOUSTIC UNDERLAY

Isorubber FR is a high performance acoustic solution with added fire retardant, to achieve a Reaction to Fire rating of C_{fl} - beyond the normal requirements of an acoustic covering.

**IsorubberTM
FR**



Suitable for use in **Robust Details E-FC-9 and E-FC-10**



Approved Document Part E compliant solutions available



Suitable for use with under floor heating



Tested to achieve a Reaction to Fire rating of C_{fl}



Easy to install



Only 2 or 3mm thick, minimal impact on construction depths



Suitable for new build



Suitable for refurbishment

FLAME RETARDANT

Isorubber FR has been tested in accordance with EN 13501-01 and achieves a Euroclass C_{fl} fire rating. This means that it is classed as flame retardant and has limited contribution to fire.



Product Data

Thickness : 2mm or 3mm

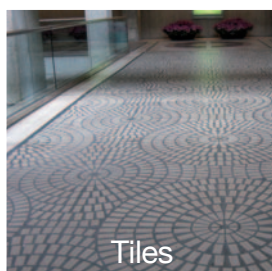
Roll Size : 1m x 20m

Tog Rating: 0.4

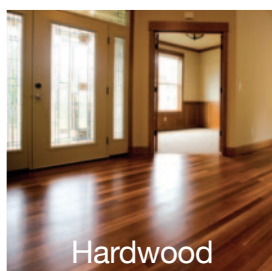
Impact sound reduction

$\Delta L_w = 17\text{dB}$

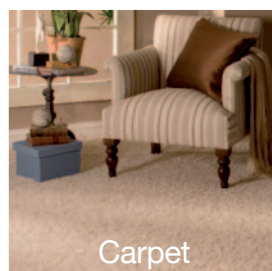
High Performance fire retardant acoustic underlay with Environmental and Economic benefits for all types of floor finishes including:



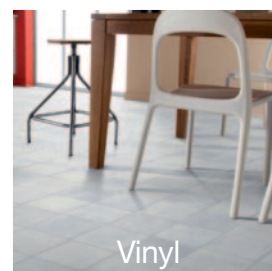
Tiles



Hardwood



Carpet



Vinyl

For help choosing the right product for your project please contact Thermal Economics Technical Department on 01582 544255

For all our Acoustic & Thermal insulation products visit: www.thermal-economics.co.uk

Robust Details are a collection of approved constructions that provide an alternative method of complying with Part E of the building regulations.

Where there is the need to exceed the Part E requirements E-FC-10 provides 3 CSH and BREEAM Multi-residential Credits.

These credits are only awarded to details that provide a minimum 5dB improvement over Part E requirements.

For more information about our Robust Detail compliant solutions please visit thermal-economics.co.uk



System: Robust Detail E-FC-9

Products: 3mm Isorubber FR or Isorubber Top

Application: Fixed resilient layer for use on precast plank floors.

About system: E-FC-9 is a fixed, resilient surface solution for new build precast plank floors.

Isorubber FR is suitable for use below almost all floor finishes including carpet, wood, vinyl and tiles.



System: Robust Detail E-FC-10

Products: 3mm Isorubber FR or Isorubber Top

Application: Fixed resilient layer for use on insitu concrete floors.

About system: E-FC-10 is a fixed, resilient surface solution for new build insitu concrete floors. This system provides a minimum 5dB improvement over regulation requirements, thereby automatically providing 3 CSH or BREEAM multi-residential credits upon registration.

**5dB
improvement
over regs**

ENVIRONMENTALLY FRIENDLY MATERIALS - RECYCLED & SUSTAINABLY SOURCED

Thermal Economics is an ISO 9001 and ISO 14001 certified company with a proven history of developing high performance innovative products using recycled and sustainable materials.

We utilise **up to 90% recycled materials** in our acoustic products, mostly from highly problematic waste rubber.



As this material biodegrades slowly, it's use provides considerable long term performance, plus the benefit of again being fully recyclable.

This demonstrates our passion for making a difference not just in the present, but for our future.



BREEAM

FASTRACKCAD

robustdetails

binstore

T: 01582 450814
E: info@thermal-economics.co.uk
W: www.thermal-economics.co.uk



Visit our website
for mobile friendly
installation guides



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