

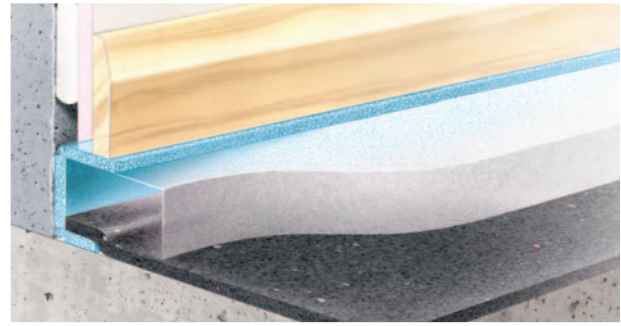
MULTI PURPOSE ACOUSTIC INSULATION- NEW BUILD & REFURBISHMENT



Isorubber Standard™

Multi-purpose acoustic insulation solution to meet pre-completion testing (AD Part E 2003) requirements

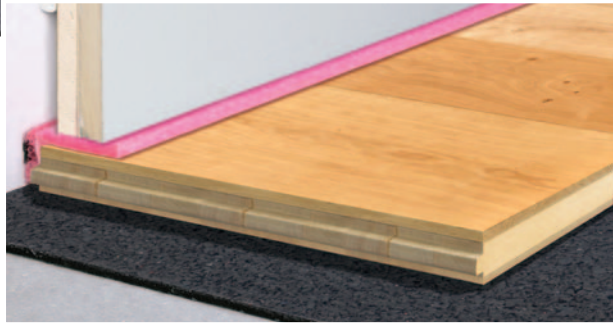
Under screed



Isorubber Standard	Covering	Impact reduction ΔL_w
3mm	45mm screed	19dB
4mm	45mm screed	20dB
5mm	45mm screed	21dB

Testing carried out to ISO 10140 over a concrete slab floor

Resilient covering



Isorubber Standard	Covering	Impact reduction ΔL_w
2mm	10mm bamboo laminate	16dB
3mm	10mm bamboo laminate	16dB
2mm	11mm beech laminate	21dB
3mm	11mm beech laminate	22dB

Testing carried out to ISO 10140 over a concrete slab floor

Isorubber Standard is a cost effective acoustic solution for projects that are being pre-completion tested.

It is available in various thicknesses and can be used in various applications including below screed and as a resilient covering.

Approved Doc. Part E compliance

Isorubber Standard can be used as part of a complete acoustic solution to achieve Part E compliance.

The entire floor build up, ceiling construction and flanking wall construction must be taken into account as part of any solution.

For general advice on achieving Part E compliance please visit www.thermal-economics.co.uk or call our Technical Department on 01582 544255.

Complete Acoustic Solution

The biggest cause of sound test failure is flanking transmission.

The use of **IsoFlank** in screed applications and **IsoEdge** in resilient covering applications is recommended to ensure the covering surfaces are adequately isolated from the walls and service penetrations.



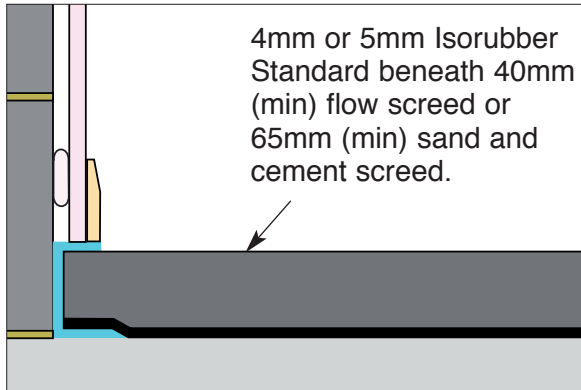
See installation Guide for further details.

Suitable coverings

Isorubber Standard can be used beneath a variety of coverings. The recommended thickness of Isorubber is dependant on the covering being used and the performance level required.

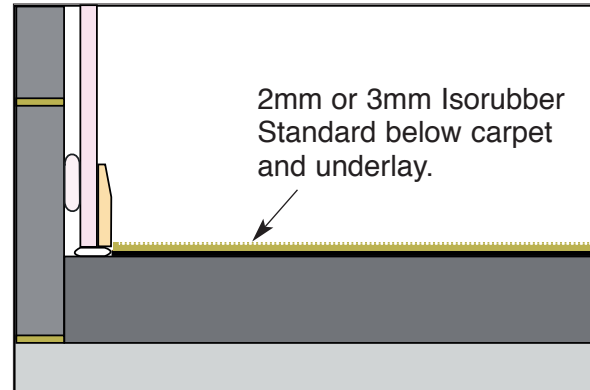
The details below show some common applications, however if project specific advice is required please contact our Technical Dept. on 01582 544255.

Under screed



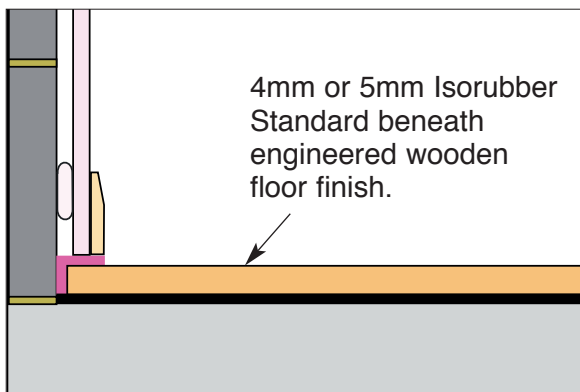
IsoFlank 5/240 should be used around the perimeter to prevent flanking sound transmission.

Textiles



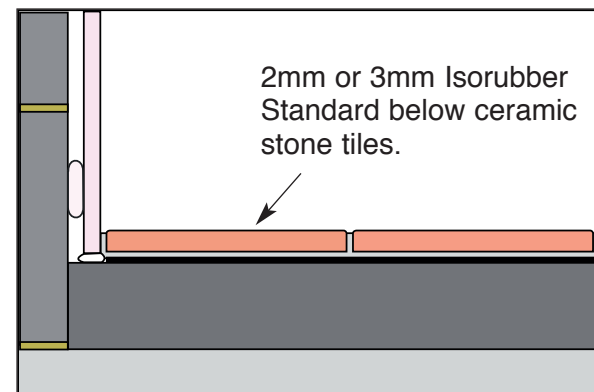
Isobond adhesive should be used to fix the Isorubber to the subfloor.

Wooden floor finishes & laminates



IsoEdge 6/75 should be used around the perimeter to prevent flanking sound transmission.

Tiles



Tiles should be fixed with a flexible adhesive and grout.

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.



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Visit our website for mobile friendly installation guides

