

**The latest Robust Detail utilising Isorubber Base or Isorubber HP3**



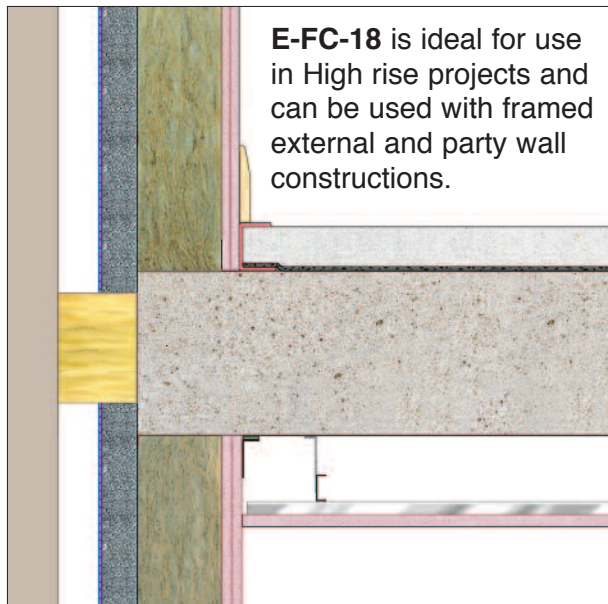
- E-WS-2 & E-WS-5 compatible
- Latest Robust Detail utilising Isorubber HP3 or Isorubber Base
- Dense and tough & sustainable
- Virtually no short or long term compression under load
- Resistant to damage and displacement during screeding
- Isoedge facilitates 'robust' fitting around corners and services

**Non Robust Detail Applications**

Isorubber Base or HP3 with IsoEdge can be applied to most types of concrete floors to achieve building regulation 'Approved Document E' standard sound insulation levels.

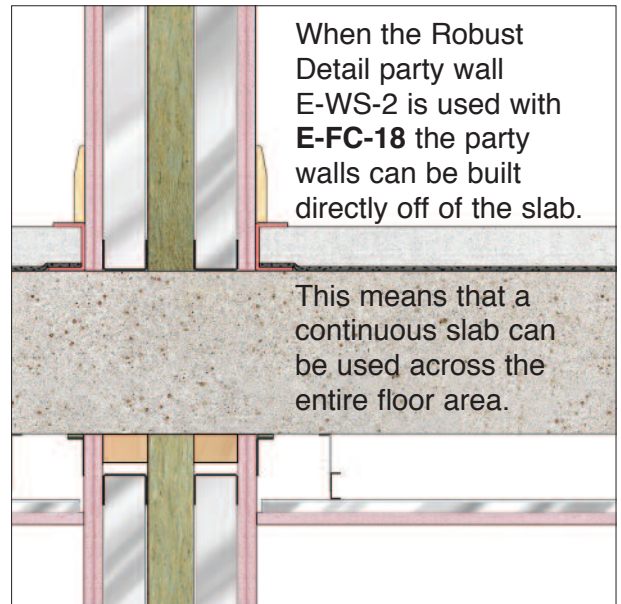
For the full **Robust Details** specifications, refer to the "**Robust Details Ltd Pattern Book**". For the installation details refer to the "**Isorubber Top Installation Guide**".

**High Rise Construction**



**E-FC-18** is ideal for use in High rise projects and can be used with framed external and party wall constructions.

**E-WS-2**



When the Robust Detail party wall E-WS-2 is used with **E-FC-18** the party walls can be built directly off of the slab.

This means that a continuous slab can be used across the entire floor area.

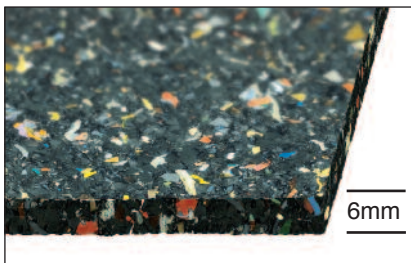
**ROBUST  
DETAIL** **E-FC-18**  
Approved Document E compliant

**Isorubber Base** and **Isorubber HP3** are a durable, thin but dense material which unlike soft cellular polymer products undergoes virtually no short or long term compression under normal floor loads.

Full installation instructions are provided by the 'Robust Detail E-FC-18 Installation Guide' on our website.

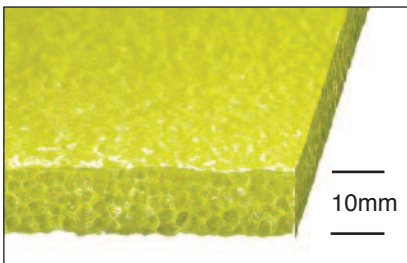
This provides assurance that the full initial acoustic performance is maintained throughout the life of the building.

6mm Isorubber Base



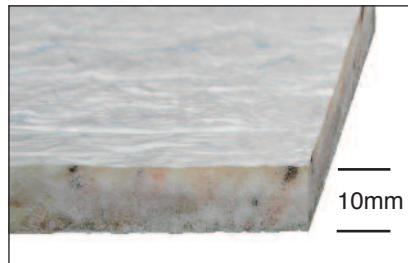
Density 600 kg/m<sup>3</sup>

Polyethylene Foam



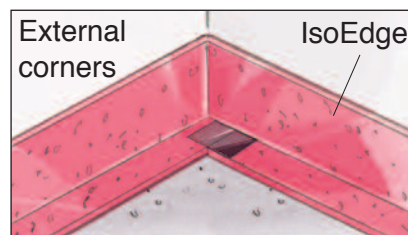
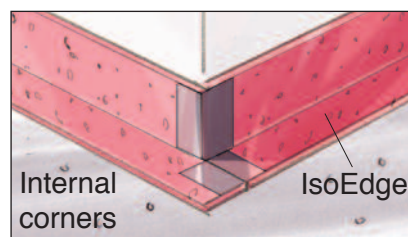
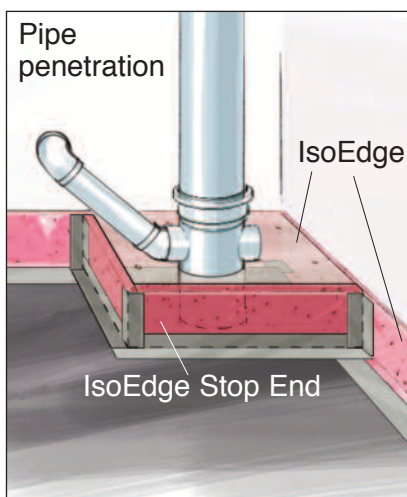
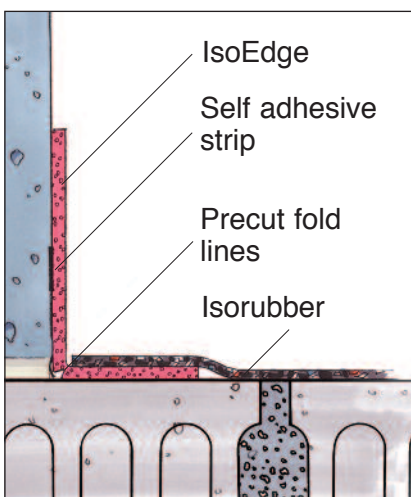
± 30 kg/m<sup>3</sup>

Reclaimed Polyurethane Foam



± 65 kg/m<sup>3</sup>

**IsoEdge** flanking insulation strip: engineered for the purpose



Faulty installation of the floor perimeter is the single biggest cause of sound test failures in screeded floors.

Corners and pipe penetrations require a skillful treatment for which a simple 'monolithic' turn up of the underscreed mat is inadequate.

**IsoEdge** and **IsoEdge Stop End** are purpose

made perimeter insulation strips that provide an easy robust method for the treatment of these problematic details.

For information regarding our thermal solutions for high rise structures please refer to our thermal insulation literature or visit our website: [www.thermal-economics.co.uk](http://www.thermal-economics.co.uk)

Thermal Economics is an insulation leader in thermal and acoustic solutions for the construction market. As specialists in this field with over 30 years of success,

we continually invest in R&D to provide innovative and high-performance solutions that remain cost effective as well as meet and exceed building regulation requirements.



T: 01582 450814  
E: [info@thermal-economics.co.uk](mailto:info@thermal-economics.co.uk)  
W: [www.thermal-economics.co.uk](http://www.thermal-economics.co.uk)



Visit our website for mobile friendly installation guides



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](http://www.thermal-economics.co.uk)