



## INSPIRA ISO SLAB SOFT

### DESCRIPTION

iNSpira Iso Slab Soft is a Polyurethane bound mixture of selected rubber fibres and is ideal for use under Screeds as a resilient layer. The product has a high resistance to compressive loads and remains outstanding elastic.

### APPLICATIONS

iNSpira Iso Slab Soft is a resilient elastic layer for use under Cementitious Screed. It has high Acoustic benefits for Impact and Airborne Noise. iNSpira Iso Slab Soft is used extensively in New Build and Refurbishment Construction Projects where Pre-completion Testing is preferred to Robust Detail.

### PREPARATION

Prior to the Installation of the flooring material, install a peripheral strip over all structural components which extend upwards or laterally such as walls, pipes etc. This is required to avoid formation of sound conduction channels and must extend upwards beyond the floor surface.

### ROLL SIZES

|                 |                            |
|-----------------|----------------------------|
| Roll Length:    | 10m                        |
| Roll Width:     | 1.25m                      |
| Roll Thickness: | 6mm - (5mm & 3mm Optional) |

### TECHNICAL INFORMATION

|                   |                                |
|-------------------|--------------------------------|
| Colour:           | Black                          |
| Surface:          | Fine tuned Granulate structure |
| Tensile Strength: | Approx 0.7 MPa (DIN 53571)     |
| Tear Resistance:  | Approx 75% (DIN 53571)         |
| Density:          | Ca. 700 Kg/M <sup>3</sup>      |
| Service Temp:     | -30° / + 80°                   |
| Flammability:     | Class B2                       |
| Impact Sound:     | DLW – 21dB under 50mm Screed   |



### Benefits of iNSpira Iso Slab Soft:

- Outstanding Impact & Airborne Sound deadening in Residential and Commercial Floors.
- EASY Installation
- Loose Lay System which does not slip during installation
- Meets and exceeds tough Acoustic Building Requirements
- Document E Compliant
- Excellent Thermal Conductivity and ideal for use with Under-floor Heating systems
- Outstanding Compressive Strength and Load Bearing Performance
- High Resilience it does not compress and therefore does not reduce Sound Absorption
- Environmentally Friendly – Fully Recycle Rubber

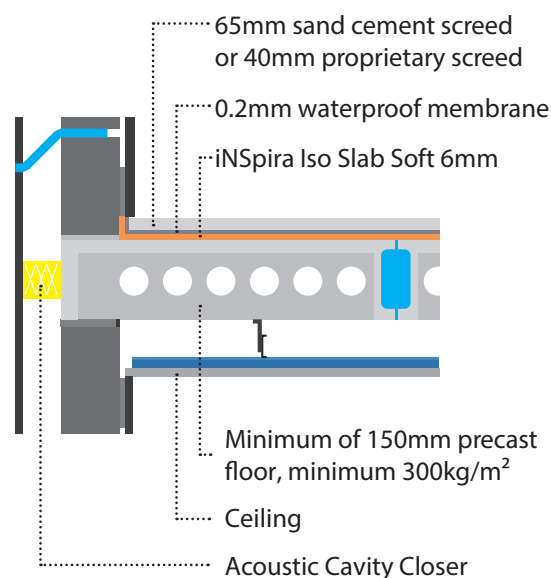
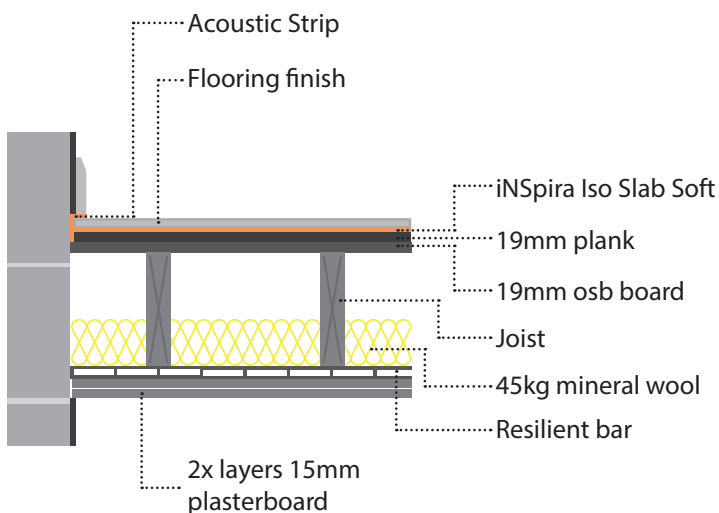
### INSTALLATION GUIDELINES

Installation Guidelines upon request.





## iNSpira Iso Slab Soft



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iNSpira Iso Slab Soft is the robust solution for resilient under laying applications on timber floors. The product is engineered to provide the best impact sound insulation and have been tested by internationally accredited laboratories.

### Preparation

All sub-flooring must be clean, dry and free from any contamination which could effect the acoustic performance of the material.

### Application guide

iNSpira Iso Slab Soft can be installed on most types of timber floors, and can be used in conjunction with floor finishes such as - ceramic tiles, stone, hardwood & laminate floors, parquet and carpets.

## Technical details

|  |  |
|--|--|
| Material Type                                  | sheeting produced from high quality recycled rubber granulate with a PUR elastomer bonding agent |
| Material thickness                             | 6mm (other sizes on request)   |
| Standard Dimensions                            | 1,25m wide Length 10m  |
| Tensile strength<br>DIN EN ISO 1798*           | >0,6 MPa   |
| Footfall sound insulation<br>*DIN EN ISO 140-8 | 21 dB under 7mm laminate floor -<br>ing 17 dB Alone on timber floor                              |
| Fire classification<br>DIN 4102-1 section 6.2  | B2   |

