

# iNSpira Acoustic Impact Foam

Is a chemically cross-linked polyolefin foam available in 5mm and 10mm

## ADVANTAGES

- . Easy to handle light weight rolls
- . Reduces airborne and impact sound
- . Can be used under screed or final floor finish
- . No additional perimeter strip needed as product turns up the wall
- . Easy to install

## ROLL SIZES

<b>Roll Length:-</b>	50m
<b>Roll Width:-</b>	2m
<b>Roll Thickness:-</b>	5mm & 10mm

## TECHNICAL INFORMATION

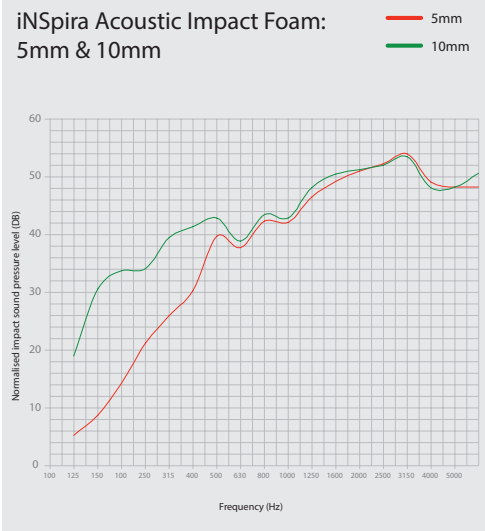
<b>Colour:</b>	Black/Grey
<b>Surface:</b>	Fine tuned Granulate
<b>Tensile Strength:</b>	180 KN/m <sup>2</sup>
<b>Tear Strength:</b>	40N
<b>Density:</b>	30Kg/m <sup>3</sup>
<b>Compressive Strength:</b>	25% : 42KN/m <sup>2</sup> 50% : 110KN/m <sup>2</sup>
<b>Compression Set:</b>	36% (24hrs recovery) 20% (72hrs recovery)
<b>Flammability:</b>	FMVSS 302, Burn rate less than 100mm/ min for thickness 8mm and above
<b>Thermal Conductivity:</b>	0.036 W/mK
<b>Acoustic Performance:</b>	Impact Sound Insulation Approx 17-19dB Delta Lw

## INSTALLATION GUIDELINES

Installation Guidelines upon request.

## APPLICATIONS

iNSpira Acoustic Impact Foam has good mechanical properties and is excellent for applications where chemical inertness as well as good shock absorbing characteristics are necessary. Its closed cell structure gives it buoyancy and a resistance to water absorption. The material also has excellent thermal properties as well as acoustic properties.



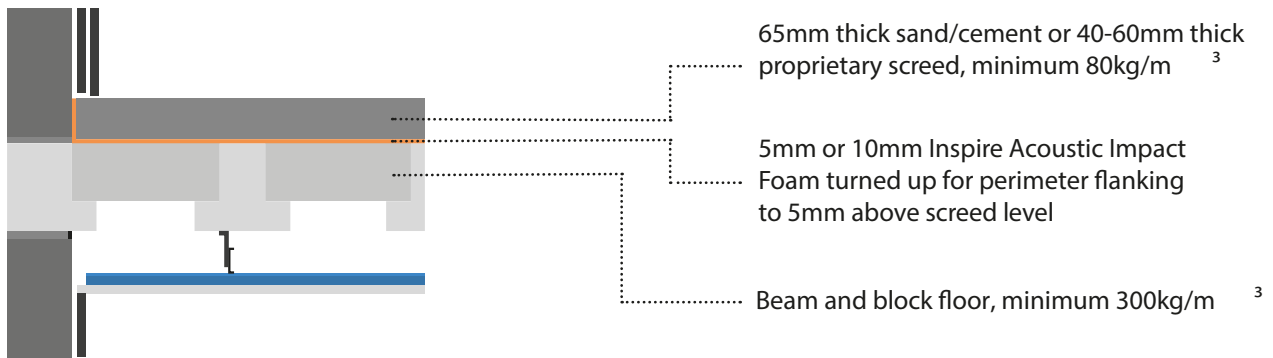
## INSTALLATION SERVICE

In addition to supply of this product INS Acoustics offers a competitively-priced installation service anywhere in the UK. Use of our service ensures that installation is performed to the highest standards by tradesmen fully experienced in the specialist skills of fitting acoustic materials correctly.

For further details contact our technical team on 0151 677 8650.



## FLOATING SCREED ON BEAM AND BLOCK FLOOR

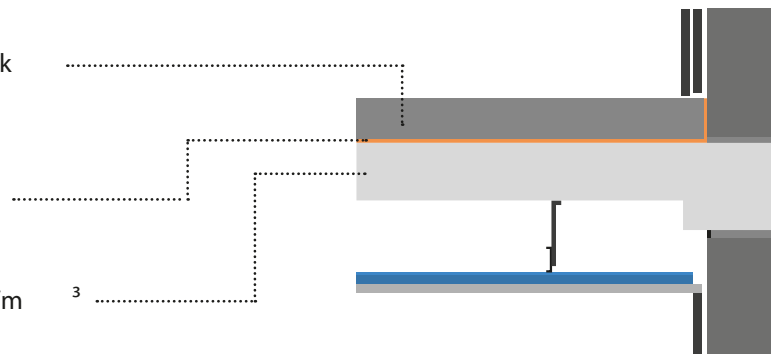


## FLOATING SCREED ON CAST-IN-SITU CONCRETE SLAB FLOOR

65mm thick sand/cement or 40-60mm thick proprietary screed, minimum 80kg/m<sup>3</sup>

5mm or 10mm Inspire Acoustic Impact Foam turned up for perimeter flanking to 5mm above screed level

Cast-in-situ concrete slab minimum 300kg/m<sup>3</sup>



## DIRECT UNDER CARPET LAYER

