



iNSpira Sound Acoustic Underlay

iNSpira Sound Acoustic Underlay is fine granulate of recycled rubber with cork and PU elastomer bonding agent.

ADVANTAGES

- . Easy to install
- . Remains continually elastic
- . Fully recycled
- . Minimum construction height
- . Suitable to be laid over both concrete and screed floors
- . Document E compliant
- . Suitable for refurbishment /new build
- . Suitable for use with under floor heating
- . Excellent thermal properties
- . Excellent footfall noise reduction

APPLICATIONS

iNSpira Sound Acoustic Underlay matting is a resilient layer suitable for use under most floor finishes. It has been developed for use in both commercial and residential buildings such as apartments, hotels, hospitals, schools and universities. iNSpira Sound Acoustic Underlay has been developed to meet the current building regulations and is Document E compliant. It combines minimum build height with permanent resilience. iNSpira Sound Acoustic Underlay is manufactured from waste rubber and cork which is mixed with polymer binder to form a purpose made resilient matting. iNSpira Sound Acoustic Underlay has exceptionally good insulating qualities.

ROLL SIZES

Roll Length:-	20m
Roll Width:-	1m
Roll Thickness:-	3, 4.5 & 5mm

TECHNICAL INFORMATION

Colour:-	Black
Surface:-	Fine tuned Granulate
Tensile Strength:-	0.6 N /mm ² (DIN 53571)
Elongation at Break:-	3mm approx 50%
	5mm approx 60%
Service Temp:-	-30°/ + 80°
Flammability:-	Class B2
Density:-	Approx 390 kg/m
Environmental:-	Limited resistance to acid
Impact Sound:-	5mm= 21dB & 3mm = 18dB

SUITABLE UNDER

- . Ceramic Tile
- . Sheet Vinyl
- . Stone Floors
- . Laminate
- . Wood Floors
- . Parquet
- . Carpet
- . flotex
- . Marble Floors

INSTALLATION GUIDELINES

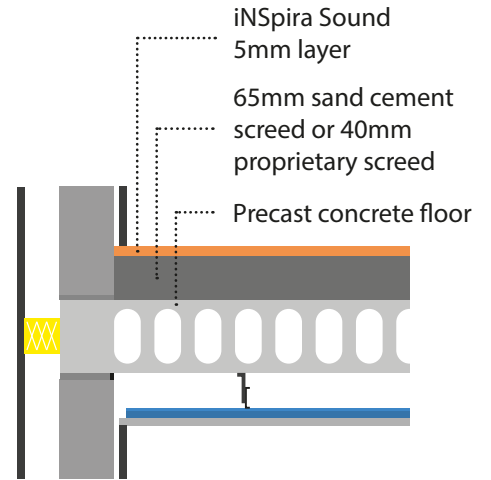
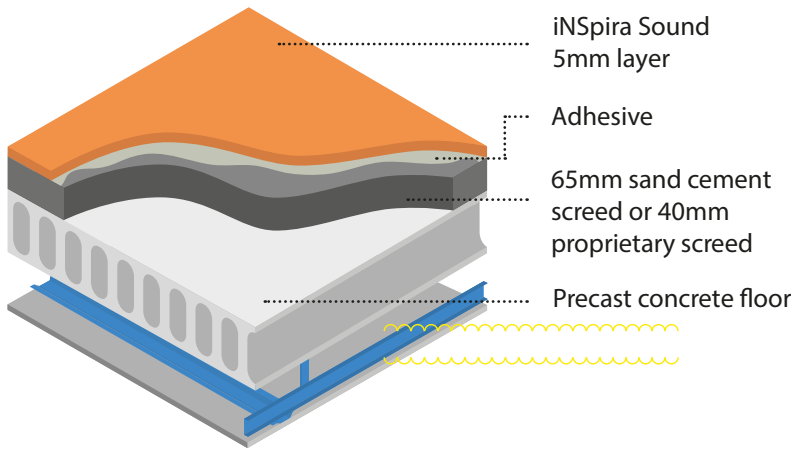
Installation Guidelines upon request.

INSTALLATION SERVICE

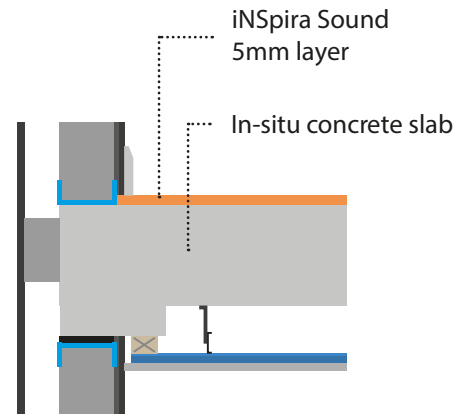
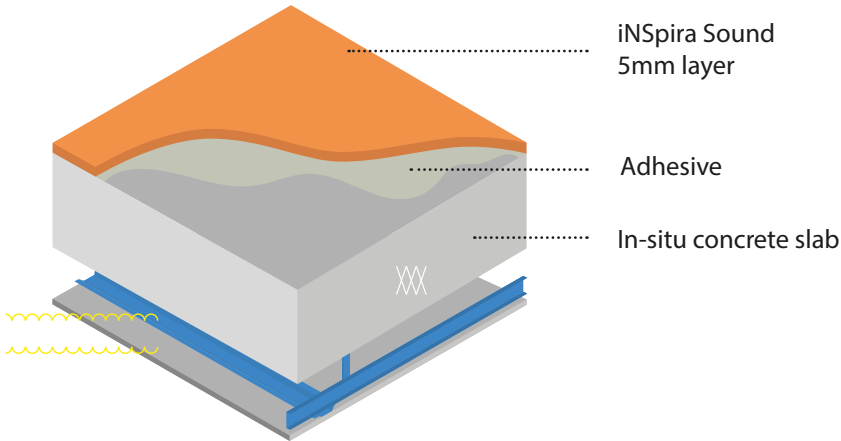
In addition to supply of this product INS Acoustics offers a competitively-priced installation service anywhere in the UK. Use of our service ensures that installation is performed to the highest standards by tradesmen fully experienced in the specialist skills of fitting acoustic materials correctly.

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

PRECAST FLOOR



IN-SITU CONCRETE SLAB FLOOR



BUILDING REGULATIONS APPROVED DOCUMENT E (2003) REQUIREMENTS

Dwellings - houses or flats and rooms for residential purposes - performance standards for separating floors and stairs that have a separating function

Floor & Stairs	Airborne Sound Insulation Dntw + Ctr (Minimum Value)	Impact Sound Insulation LnT,w (Maximum Value)
Purpose-built dwelling-houses and flats	45	62

Approved Document E (2003) sets out values for sound insulation which must be achieved to demonstrate compliance with requirements.

With iNSpira Sound Acoustic underlay laid on all floor types, all constructions pass the performance requirements as quoted in ADE 2003. For further information and independent test certificates on actual performance figures, please contact INS Acoustics Ltd.