

## Acoustic Insulation Products

### FIBREfon 8

High Performance Resilient Layer



- Outstanding sound reduction properties
- Used in conjunction with **ScreedBoard 20** & **XFLO**
- Robust** Detail FFT4 component-E-FS-1, E-FC-1 & 2
- RD proprietary resilient layer for E-FS-3, E-FT-5 & 6
- Made from recycled polyester
- 8mm x 600mm x 1200mm

### FIBREfon 10

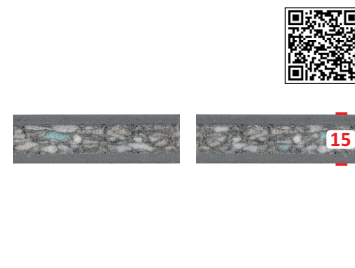
High Compressive Strength Resilient Layer



- Excellent impact sound reduction properties
- High compressive strength
- Ideal for concrete separating floors
- Robust** Detail FFT4 component-E-FS-1, E-FC-1 & 2
- Made from recyclable wood fibre
- 10mm x 600mm x 1200mm

### DECKfon ULTRAmat 15

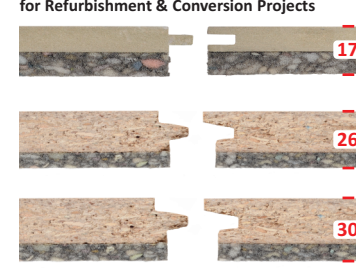
High Density Composite Acoustic Mat



- High acoustic performance
- Ideal for conversion and refurbishment floors
- High density-15kg/m<sup>2</sup>
- Quick and easy to lay
- Cuts with a sharp knife
- 15mm x 1200mm x 1200mm

### DECKfon 17T, 26T, 30T

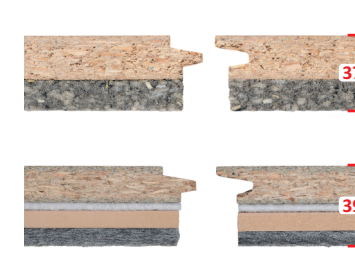
Composite Acoustic Overlay Floorboards for Refurbishment & Conversion Projects



- Excellent acoustic performance
- Incorporates moisture resistant T & G floorboard
- Recycled resilient layer
- Quick and easy to install
- Proven solution
- 17/26/30mm x 600mm x 2400mm

### DECKfon 37T, Quattro 39

Direct to Joist Structural Deck Acoustic Floorboards



- Excellent acoustic performance
- Incorporates moisture resistant T&G floorboard
- Recycled resilient layers
- Quick and easy to install
- Proven solutions
- 37/39mm x 600mm x 2400mm

### RUBBERfon<sup>(1)</sup> Cradles & Batters

Acoustic Levelling Cradle & Batten System



- Excellent acoustic performance
- Incorporates moisture resistant T&G floorboard
- Recycled resilient layers
- Quick and easy to install
- Proven solutions
- 17/26/30mm x 600mm x 2400mm

### ScreedBoard 28<sup>(2)</sup>

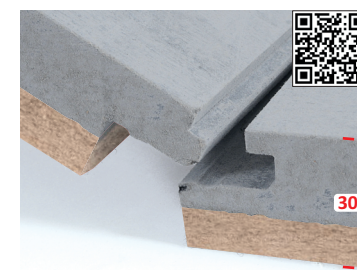
High Density Composite Acoustic Floorboard



- Unrivalled performance - **Robust** Detail proprietary treatment: E-FS-3, E-FT-5, E-FT-6 & FFT4 compliant
- Compatible with steel, concrete & timber floors
- Unique interlocking edge detail
- Looks and feels like screed
- Accepts all types of floor coverings
- 28mm x 600mm x 1200mm

### ScreedBoard 30<sup>(2)</sup>

High Density Composite Acoustic Floorboard



- Unrivalled performance. **Robust** Detail FFT4 compliant treatment: E-FS-1, E-FC-1 & E-FC-2
- Suitable for steel/concrete and concrete floors
- Unique interlocking edge detail
- Looks and feels like screed
- Accepts all types of floor coverings
- 28mm x 600mm x 1200mm

### DECKfon Batten 45, 70

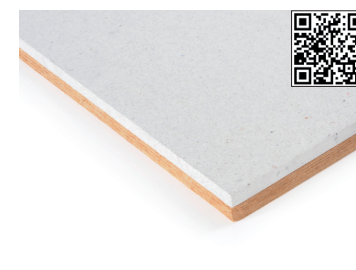
Resilient Composite Acoustic Battens



- Outstanding acoustic performance
- Two heights available: 45mm and 70mm
- Suitable for all floor types
- Robust** Detail FFT1 and FFT3 compliant
- FSC® / PEFC® certified timber
- Third party tested
- 45, 70mm x 45mm x 2400mm (under 25kg/m<sup>2</sup> load)

### HIGYP 28

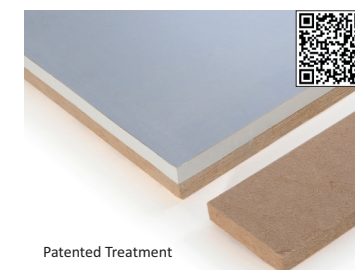
High Performance Acoustic Wall Board



- High density gypsum facing
- Excellent acoustic performance
- Impact resistant
- Easy to cut to size and install
- 28mm x 1200mm x 2400mm

### HIGYP 30TM & Baffle strips

High Performance Wall Lining Treatment



- Provided outstanding acoustic performance to airtight masonry separating and flanking walls
- Only 45mm overall thickness (30mm + 15mm)
- Designed for masonry walls with timber separating floors covered with **ScreedBoard 28**
- Baffle strips** provides 15mm service void
- 30mm x 1200mm x 2400mm

### FIBREfon Micro 15, 50

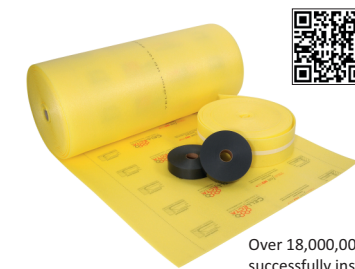
Non-itch Sound Absorbing Quilt



- Levels uneven structural floors
- Outstanding acoustic performance - **RD** FFT2 compliant
- Suitable for all floor types
- 10mm high cradle
- 2, 3, 5mm packers
- 15, 30mm elevation blocks
- 40, 65mm x 45mm x 2400mm timber battens

### YELOfon HD10+

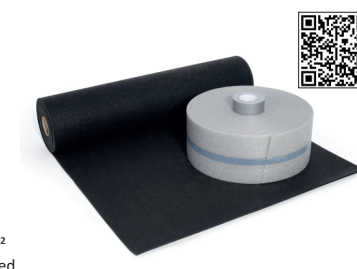
UK's No.1 Under Screed Resilient Layer



- Superior sound deadening properties
- Robust** Detail E-FC-5, E-FC-17 & E-FC-18
- Suitable for all types of concrete floors
- Supplied in a kit, including edge strip & joining tape
- Lightweight easy to cut and install rolls
- Works in conjunction with **XFLO** UHFH boards
- 10mm x 1.5m x 33.33m (<20kg per roll)

### RUBBERfon<sup>(2)</sup> Impact

High Density Under Screed Resilient Layer



- High sound deadening properties
- Robust** Detail\* E-FC-18 & E-FC-19
- Available in 3, 5, 6" & 8mm thickness\*
- Suitable for all types of concrete floors
- High compressive strength recycled rubber
- Compatible with all types of screed
- 3mm x 1m x 15m, 5mm x 1m x 10m, 6mm x 1m x 8m, 8mm x 1m x 6m

### RUBBERfon<sup>(2)</sup> ULTRAtop

Acoustic Coverings for Concrete Floors



- Excellent impact sound reduction
- Available in two thicknesses: 3mm & 5mm\*
- Robust** Detail E-FC-8 & E-FC-18 compliant\*
- Made from high compressive strength recycled rubber
- Compatible with all types of floor finishes
- 3mm x 1m x 15m, 5mm x 1m x 10m, 5mm x 1m x 10m

### CELLECTA AH50

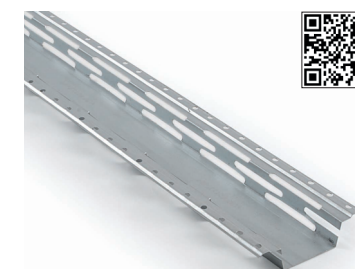
High performance Acoustic Ceiling Hangers



- Premium acoustic isolation
- Made from high gauge galvanised steel
- One size suits all applications
- Works with all types of MF ceiling systems
- Robust** Detail compliant component
- 50mm fixing plate

### CELLECTA HP30

High Performance Ceiling Resilient Bars



- Superior acoustic properties and hanging capabilities over standard 16mm resilient bars
- Robust** Detail E-FS-3, E-FT-5 & E-FT-6 proprietary component
- Reduces risk of screws causing acoustic bridging
- Can be installed at 600mm centres
- 30mm x 3000mm

### FIBREfon Micro 15, 50

Non-itch Sound Absorbing Quilt



- Outstanding sound absorbency
- Available in two thicknesses: 15 & 50mm
- 50mm out performs 100mm mineral wool
- Suitable for ceiling and partition voids
- Robust** Detail proprietary component
- 50mm x 3/400mm x 7.2m

## Underfloor Heating Products

### HIDECK<sup>(2)</sup> Structural 25, 28, 30

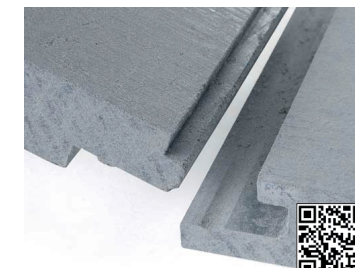
Highly Conductive Structural Floorboard



- Highly conductive, ideal for underfloor heating applications
- Robust** Detail E-FT-1, E-FT-2 & E-FT-3 proprietary structural floorboard & FFT2 compliant
- Suitable for all types of steel, concrete & timber floors
- 25, 28, 30mm x 600mm x 1200mm

### ScreedBoard 20<sup>(2)</sup>

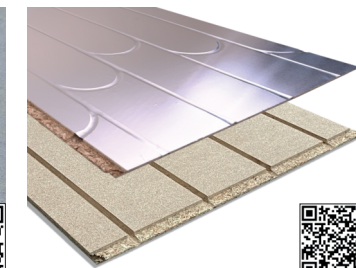
Highly Conductive Interlocking Floorboard



- Perfect for underfloor heating applications
- 3x more thermally conductive than chipboard
- Robust** Detail E-FS-3, E-FT-5, E-FT-6 proprietary overlay board & FFT4 compliant
- Unique interlocking edge detail
- Made from 100% recycled materials
- 20mm x 600mm x 1200mm

### CHIPFLO, CHIPFLO<sup>FF</sup>

Routed Tongue & Groove Chipboard UHF Floorboard



- Made from 22mm BBA certified PS Chipboard
- Manufactured to suit pipe and centres required
- Ideal for conversion and refurbishment floors
- CHIPFLO FF** incorporates 100µ aluminium foiling for improved heat diffusion
- Works in combination with **CEMdeck** overlay board
- 22mm x 600mm x 2400mm

### CEMdeck

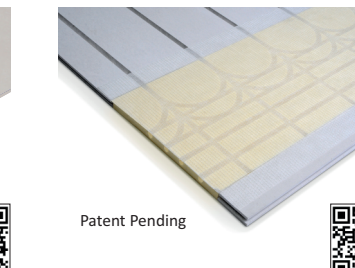
Highly Conductive Overlay board



- Highly conductive topping board for **CHIPFLO** UHF boards
- Accepts multitude of floor finishes
- High impact resistance
- 6mm x 600mm x 1200mm

### HIDECK FLO<sup>(2)</sup>

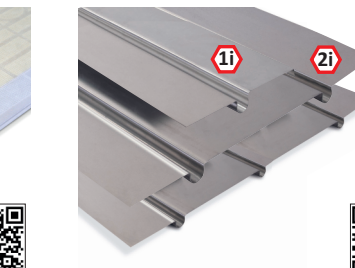
Low-Profile UHFH Pipe Carrier Board



- Ultra thin underfloor heating system
- Manufactured to suit pipe and spacing required
- Unique easy to adapt return panel
- Works in conjunction with acoustic treatment
- 100% recycled gypsum
- Patent pending
- 18mm x 600mm x 1200mm

### ULTRApate 1i, 2i, 3i

Pressed Aluminium Heat Diffusion Plates



- Highly conductive, increases the UHFH's efficiency
- Made from high quality aluminium plate
- 150 & 200mm centres options\*
- One (1i), two (2i\*) or three (3i\*) impressions
- Manufactured to suit pipe diameter used
- 1i: 10, 12, 15, 16, 20mm x 130mm x 1000mm
- 2i & 3i: 10, 12, 15, 16, 20mm x 390mm x 1000mm

## Thermal Insulation Products

### HEXATHERM<sup>(2)</sup> Extruded Polystyrene Range

#### XROOF 300L

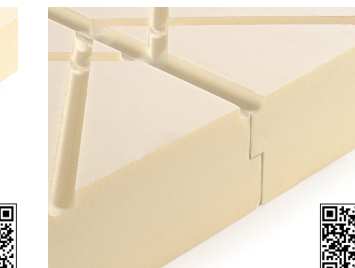
High Performance Inverted Roof Insulation



- High compressive strength - **300kPa**
- Very low water absorption
- Excellent life-long thermal performance
- Ideal for balconies and roof terraces
- Third party accredited
- 50, 60, 70, 75, 80, 90, 100, 120, 140, 160, 180, 200mm x 600mm x 1250mm

#### XDRAIN

Inverted Roof board with Integral Drainage Channels



- Integral multi-directional drainage channels
- High compressive strength - **300kPa**
- Very low water absorption
- Excellent life-long thermal performance
- Third party accredited
- 50, 60, 70, 75, 80, 90, 100, 120, 140, 160, 180, 200mm x 600mm x 1250mm

#### XMD

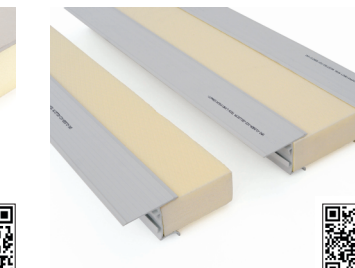
Composite Inverted Roof Up-stand Insulation Board



- 6mm high impact face
- Very low water absorption
- Excellent life-long thermal performance
- Easy to cut to size
- Cut to size upon special request
- 56, 66, 81, 86, 96, 106, 126, 146, 166mm x 1200mm x 2400mm

#### UNCLOSER<sup>(2)</sup>

Rigid Insulated Cavity Closers



- Eliminates thermal bridging around window and door openings
- One or two integral rigid DPC profiles
- High performance closed cell core
- Third party accredited
- 50 - 300mm wide x 2500mm

#### XCHIP

Composite Chipboard Thermal Laminate



- BBA certified 18mm PS T&G chipboard
- Ideal for domestic and commercial applications
- High compressive strength - **250/300kPa**
- Excellent life-long thermal performance
- Ship-lap edge detail
- Third party accredited
- 250kPa: 20, 25, 30mm x 600mm x 2500mm
- 300kPa: 40, 50, 60, 75, 80, 100, 120, 140, 160, 180, 200mm x 600mm x 1250

#### XPOOL

Swimming Pool Insulation



- Extra high compressive strength - **500kPa**
- Excellent life-long thermal performance
- Very low water absorption
- Ship-lap edge detail
- Third party accredited
- 50, 60, 70, 75, 80, 90, 100, 120, 140, 160, 180, 200mm x 600mm x 1250

#### XFLOOR 250, 300

High Compressive Strength Floor Insulation



- High compressive strength - **250/300kPa**
- Ideal for domestic and commercial applications
- Excellent life-long thermal performance
- Very low water absorption
- Third party accredited
- 250kPa: 20, 25, 30mm x 600mm x 2500mm
- 300kPa: 40, 50, 60, 75, 80, 100, 120, 140, 160, 180, 200mm x 600mm x 2500mm

#### XFLOOR 500

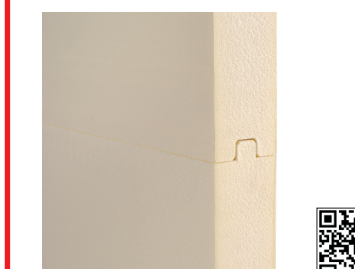
Extra High Compressive Strength Floor Insulation



- Extra high compressive strength - **500kPa**
- Suitable for commercial & industrial applications
- Excellent life-long thermal performance
- 100% recyclable
- Third party accredited
- 50, 60, 75, 80, 100, 120, 140, 160, 180, 200mm x 600mm x 1250mm

#### XPERI

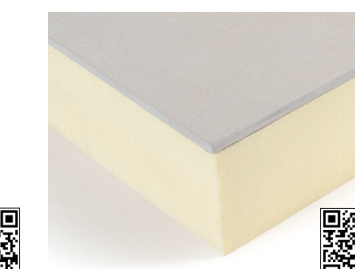
Basement Wall Lining Insulation



- Closed-cell structure, with very low water absorption
- High compressive strength - **300kPa**
- Excellent life-long thermal performance
- Tongue & groove edge detail
- Third party accredited
- 30, 40, 50, 60, 80, 100, 120, 140, 160mm x 600mm x 2500

#### XGPL

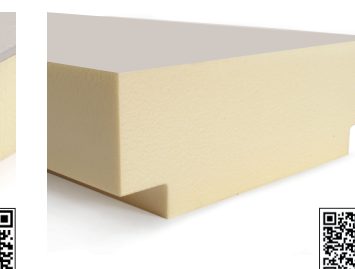
Composite Car Park Lining Insulation



- 6mm thick high impact face
- Available with white or grey face
- Very low water absorption
- Excellent life-long thermal performance
- Easy to cut to size
- 106, 126, 146, 166mm x 1200mm x 2400mm

#### TETRIS

Beam & XPS Insulation Block System



- Exceeds U-values stipulated in 2021 Part L
- Ultra high compressive strength - **300kPa**
- Free beam design service
- Quick and easy to install
- Produces a floor with zero cold bridges
- Supplied in plot specific quantities
- Third party accredited
- 90, 100, 120, 140, 160mm x 300/600mm x 2500mm

#### insuBEAM

Beam & EPS Insulation Block System



- Exceeds U-values stipulated in 2021 Part L
- 42% less CO<sub>2</sub> produced than a concrete block system
- Free beam design service
- Quick and easy to install
- Produces a floor with zero cold bridges
- Supplied in plot specific quantities
- Third party accredited
- 175mm x 300/600mm x 2400mm

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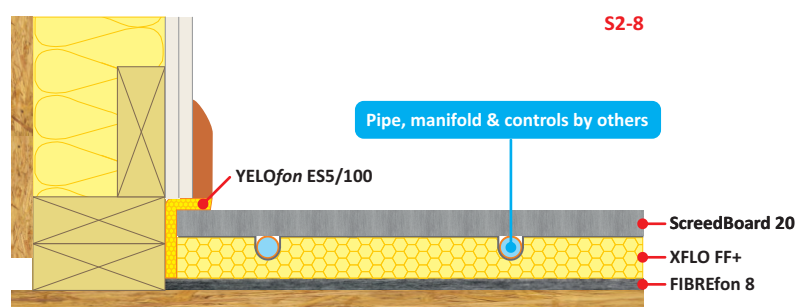
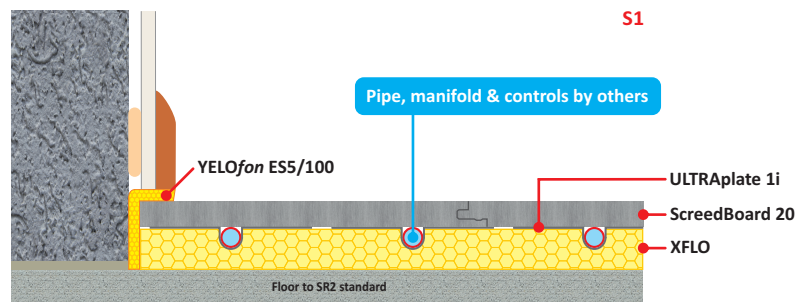
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Dry Laid Underfloor Heating System  
for **Level** Floors

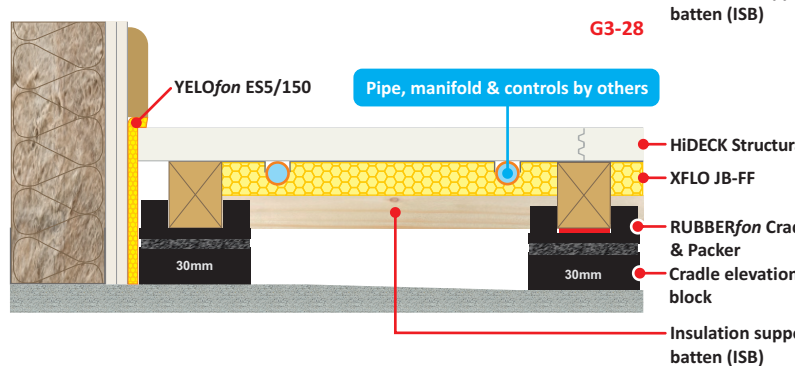
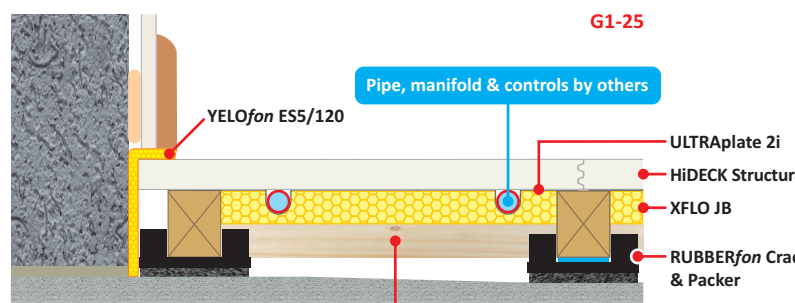


#### Benefits of the Mojave® System

- Rapid heat response times
- Dry installation
- Superior output - Up to 100W/m<sup>2</sup>
- Performs at a low flow temperature
- Low energy use, reducing running costs and CO<sub>2</sub> emissions
- Works in combination with all pipe diameters (10-20mm)
- System as thin as 35mm
- Suitable for concrete, steel and timber floors
- High compressive strength resilient layer options, ideal for floors with brittle finishes
- 100% recycled gypsum and cellulose overlay board, recyclable thermal and acoustic insulation
- Outstanding acoustic performance - RD FFT4 treatment
- Robust Detail proprietary E-FT-5, E-FT-6, E-FS-3 treatment
- Speeds up the installation of floor finishes
- Components supplied from one source, on one lorry, reducing environmental impact



Dry Laid Underfloor Heating System  
for **Uneven** Floors



#### Benefits of the Gobi® System

- Levels up an uneven sub-floor
- Dry installation
- Rapid heat response times
- Imposes lower load on the structure compared to a screed
- Superior output - Up to 100W/m<sup>2</sup>
- Performs at a low flow temperature
- Low running costs, reducing CO<sub>2</sub> emissions
- Works in combination with all pipe diameters (10-20mm)
- Suitable for concrete, steel and timber floors
- Provides stiff floor able to accept all floor coverings, including brittle finishes
- 100% recycled gypsum and cellulose overlay board, rubber acoustic pads and recyclable thermal insulation
- Outstanding acoustic performance - Robust Detail FFT2 treatment
- Components supplied from one source, on one lorry, reducing environmental impact

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CELLECTA's extensive range of underfloor heating components, floor levelling systems, thermal and acoustic insulation products are supported by a technical advice line, staffed by experienced consultants who can provide several useful services including:

- U-value, condensation risk or imposed load calculations
- Advice on the most suitable products to use
- Issue detailed fixing instructions
- Arrange site surveys
- Technical specifications

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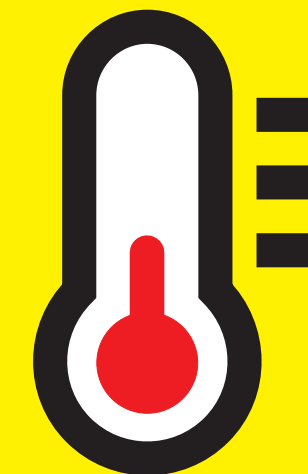
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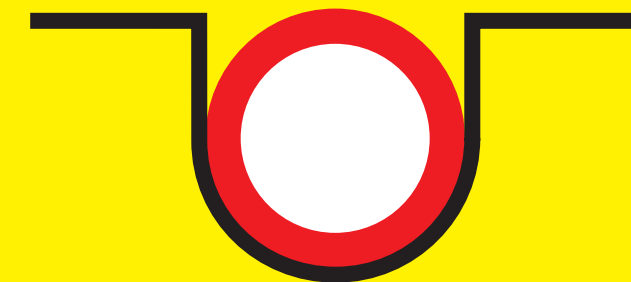
Proudly Manufacturing  
in Great Britain



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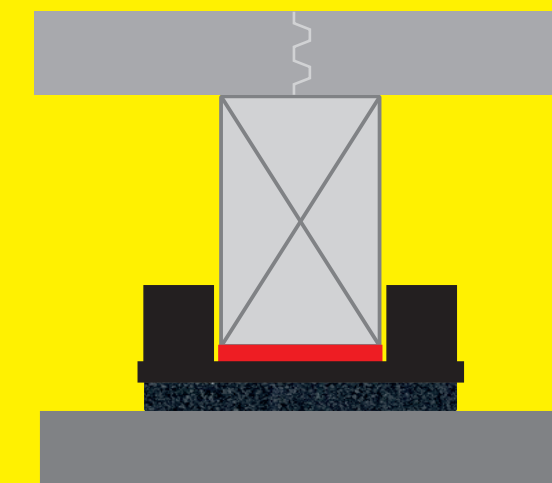
Thermal Insulation



Underfloor Heating Systems  
& Components



Acoustic Treatments  
& Resilient Layers



Acoustic Floor Levelling  
& Elevation Systems

PART E&L  
SOLUTIONS

SECTION SOLUTIONS 5&6

## Why CELLECTA?

CELLECTA is the UK's leading innovator, manufacturer and supplier of environmentally friendly, high performance thermal insulation, acoustic treatments and underfloor heating products.

For over 25 years our products have been successfully installed in a myriad of residential, commercial, educational, health and industrial buildings.

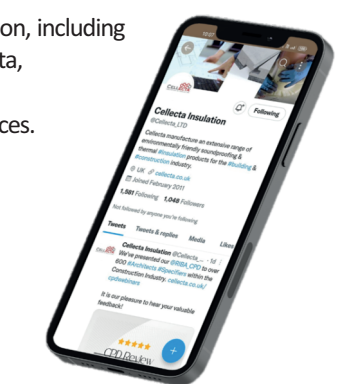
CELLECTA's team of experienced staff are able to offer unrivalled customer support, from delivering RIBA certified CPDs, assisting in selecting the most suitable product that satisfies current legislation, arranging delivery of the right materials direct to site on time, to providing after sales installation instructions to ensure customer satisfaction.



#### FREE services offered by CELLECTA:

- Technical and installation advice
- Architectural drawings and NBS specs
- U-value and imposed load calculations
- Site surveys and take-off service
- Arrange acoustic testing
- Present RIBA certified CPDs

For on the go access to information, including installation videos & technical data, download the CELLECTA.app for smart phones and tablet devices.



Click on a product's  
QR code to learn more

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