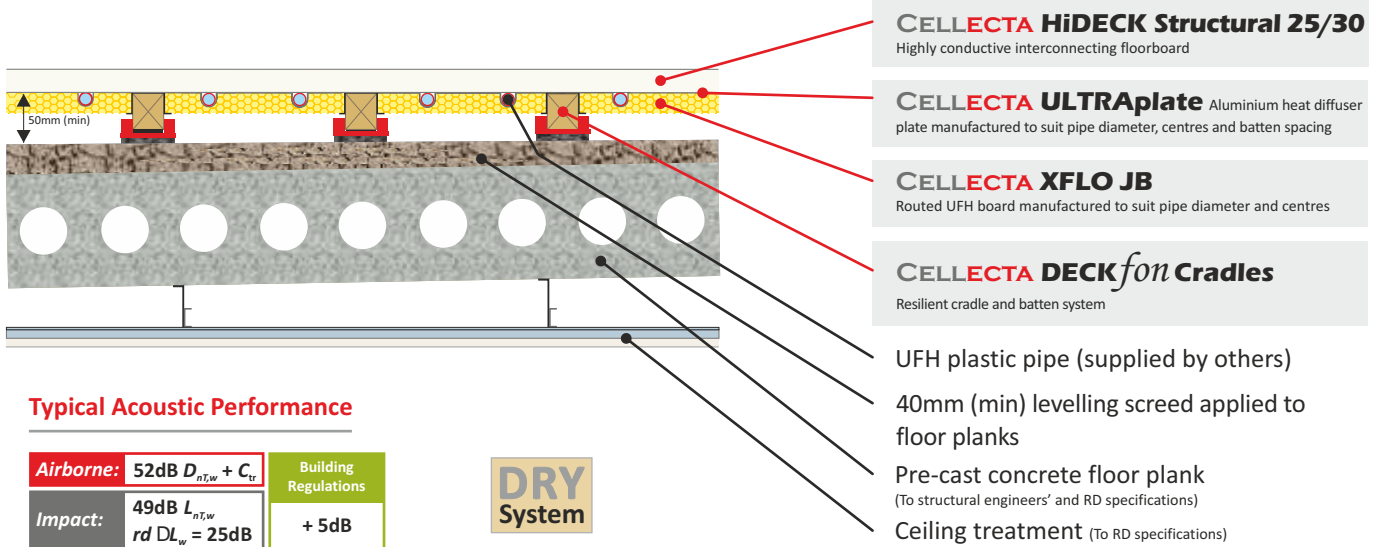


CELLECTA **XFLO JB** underfloor heating insulation boards installed between battens CELLECTA

HiDECK Structural installed on CELLECTA **RUBBERfon Cradle** and batten system

System levels uneven structural floors

WU9.scp2



Typical Acoustic Performance

Airborne:	52dB $D_{nT,w} + C_{tr}$	Building Regulations + 5dB
Impact:	49dB $L_{nT,w}$ rd $DL_w = 25dB$	



UHF Insulation Board



CELLECTA's **XFLO JB** boards are manufactured from 100% recyclable HEXATHERM, using a CNC to route out the pipe diameter and centres required. The board's are made to suit the specific batten spacing. When used in conjunction with CELLECTA's **ULTRApates** (heat diffuser plates) will provide outstanding heat output.

Key Benefits

- Manufactured to suit pipe and centres required
- Works in conjunction with heat diffusion plates
- Outstanding thermal output
- Supplied to suit batten spacing

Physical Properties

		XFLO JB		
		250	300	ULTRApate
		Between joist UHF board	Between joist UHF board	Aluminium heat diffuser plate
Strength at 10% compression	kPa	250	300	-
Thermal conductivity	W/mk	0.033	0.033	-
Temperature range	°C	-50/+75	-50/+75	-
Route sizes available (to suit pipe diameter)	mm	10, 12, 14, 15, 16, 18, 20	10, 12, 14, 15, 16, 18, 20	10, 12, 14, 15, 16, 18, 20
Pipe centres	mm	150, 200	150, 200	150, 200
Board / plate size	mm	300 x 1250/2500 350 x 1200		340/390 x 1000
Thickness' (other sizes manufactured to order)	mm	20, 25, 30, 35	40, 50	0.5

Structural Board

FFT2

HiDECK® Structural 25/30

High conductivity structural floorboard

Thickness': 25, 30mm

Board size: 600 x 1200mm

Weight: 25 - 31.25kg/m², 30 - 37.50kg/m²

Thermal resistance (m²k/W): 25 - 0.0625, 30 - 0.075

Heat Diffuser

ULTRApate 2C/0.5

High performance pressed aluminium diffuser plate

Number of channels: 2 **Plate thickness:** 0.5mm

Plate width: 340m **Plate length:** 1000m

To suite pipe sizes: 10, 12, 14, 15, 16, 20mm

Acoustic Cradle and Batten Levelling System

RUBBERfon® Cradles

Resilient cradle system

Dimensions: 12mm x 100mm x 100mm

Packers: 2, 3, 5mm **Elevation blocks:** 20, 30, 40mm

Perimeter Edge Strip

YELOfon® ES5/120

Closed-cell extruded polyethylene edge strip

Thickness: 5mm x 120mm x 50m

3rd Party Approvals



Environmental Credentials

