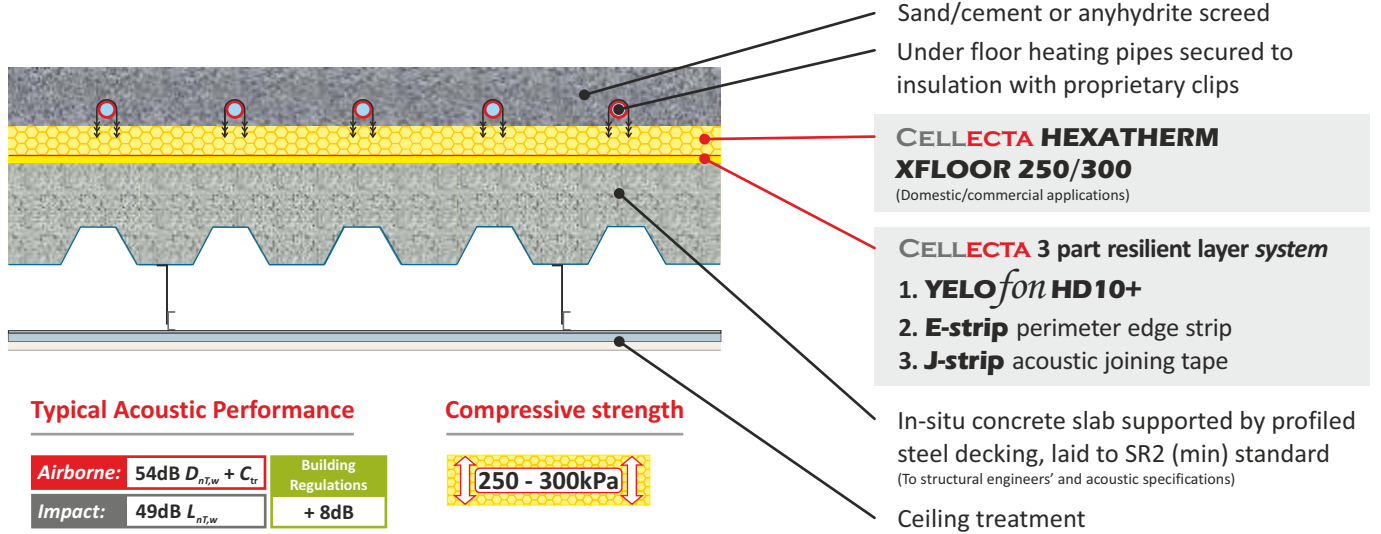


Separating floor - Steel-concrete composite

PCT Solution

Underfloor heating pipes clipped to **CELLECTA HEXATHERM XFLOOR** insulation
CELLECTA YELOfon HD10+ resilient layer System installed below thermal insulation

WU9.ssc4



Typical Acoustic Performance

Airborne:	54dB $D_{nT,w} + C_{tr}$	Building Regulations
Impact:	49dB $L_{nT,w}$	+ 8dB

Compressive strength



Insulation Board

XFLOOR 250/300

CELLECTA's XFLOOR 250/300 insulation boards have a high resistance to compression and closed cell structure that provides unrivalled resistance to water absorption, making them ideal for a multitude of domestic, commercial and educational applications.

Key Benefits

- Twice the compressive strength of PiR
- Excellent life-long thermal performance
- Closed cell structure
- Very low water absorption
- 100% Recyclable

Physical Properties

		XFLOOR 250	XFLOOR 300
Thermal Conductivity EN 12667	W/mK	0.033	0.033 ≤80mm 0.034 >81mm
Strength at 10% compression EN 826	kPa	250	300
Strength at 2% compression EN 1606	kPa	80	125
Long term water absorption by immersion EN 12087	%	>0.7	>0.7
Board size	mm	600 x 2500	600 x 2500
Standard thickness' (other sizes manufactured to order)	mm	20, 25, 30	40, 50, 60, 75 80, 100, 120, 140, 160, 180, 200
Edge profile	-	Square	Square

Resilient Layer

YELOfon[®] HD10+ System

YELOfon HD10+ is a high density closed-cell under screed resilient layer system that provided outstanding sound deadening performance on all types of concrete floors.

Key Benefits

- Superior impact sound deadening properties
- Suitable for all types of concrete floors and screeds
- Supplied as a kit with 1 x E-strip and 2 x J-strips included
- Lightweight, easy to handle, cut and install rolls
- Works in conjunction with underfloor heating systems

Physical Properties

YELOfon HD10+ System				
		HD10+	E-strip	J-strip
Product description	-	Surebond faced resilient layer	Perimeter edge strip	Acoustic jointing tape
Thickness	mm	10	7	2.5
Roll dimensions	-	1.5m x 33.33m	200mm x 33m	75mm x 40m
Thermal conductivity	W/mk	0.045	0.045	0.045

Accreditation & Approvals



Environmental Credentials



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