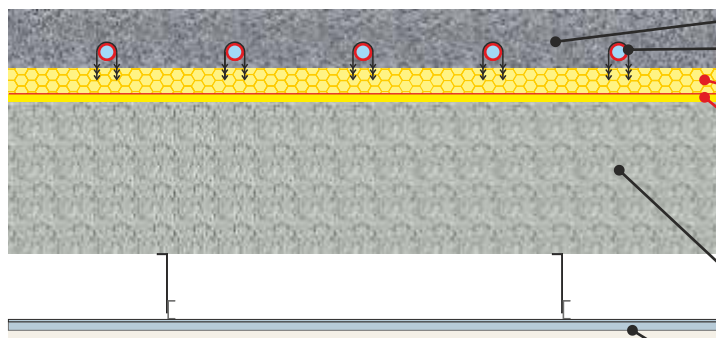


Underfloor heating pipes clipped to **CELLECTA HEXATHERM XFLOOR** insulation
CELLECTA YELOfon HD10+ resilient layer System installed below thermal insulation

WU9.sc4



Sand/cement or anyhydrite screed

Under floor heating pipes secured to insulation with proprietary clips

CELLECTA HEXATHERM XFLOOR 250/300
 (Domestic/commercial applications)

CELLECTA 3 part resilient layer system

- 1. YELOfon HD10+**
- 2. E-strip** perimeter edge strip
- 3. J-strip** acoustic joining tape

In-situ concrete slab, laid to SR2 (min) standard (To structural engineers' specification)

Ceiling treatment (To RD specifications)

Typical Acoustic Performance

Airborne:	55dB $D_{nT,w} + C_{tr}$	Building Regulations
Impact:	50dB $L_{nT,w}$	$\geq +8dB$

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 $\leq 80mm$ 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

