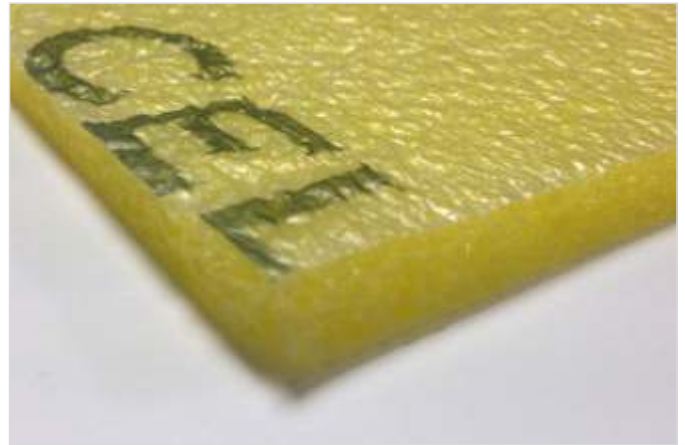


# YELOfon<sup>®</sup> HD10+ System

The UK's No.1 Under Screed, Concrete Floor Acoustic Layer

**YELOfon HD 10+** is the ultimate acoustic resilient layer for underneath a floating screed. The acclaimed high density, non-cross linked, HCFC free polyethylene resilient layer system carries its own Robust detail E-FC-5. **YELOfon HD10+** is a lightweight, easy to install system that delivers unrivalled acoustic performance when used to isolate a floating screed from structural concrete floors.



**KEY BENEFITS**

- ⬡ Superior impact sound deadening properties
- ⬡ Suitable for all types of floors and screeds
- ⬡ Lightweight, easy to cut and install rolls
- ⬡ Robust detail treatment (E-FC-5)
- ⬡ Over 7,000,000m<sup>2</sup> successfully installed

**PHYSICAL PROPERTIES**

Properties	Unit	YELOfon HD10+
Resilient layer composition	-	Closed cell, non-cross linked polyethylene
Type and thickness of facing / batten	-	-
Resilient layer thickness	mm	10
Overall thickness	mm	10
Board size / roll size / batten length	m	1.5 X 33.33
Weight	kg/m <sup>2</sup>	<1.0
	kg/sheet	≤25

**ADDITIONAL INFO**



**RESOURCES**



For full technical and application information please consult our full acoustic insulation brochures. To speak to someone regarding your requirements please call **08456 71-71-74** or email **CELLECTA** on [technical@cellecta.co.uk](mailto:technical@cellecta.co.uk)

**THE SYSTEM CONSISTS OF**

- 1 X **CELLECTA YELOfon<sup>®</sup> HD10+** roll
- 1 X **E-strip** perimeter edging 7mm (t) x 200mm (h) x 33m (l)
- 2 X **J-strip** acoustic joining tape



New build, Robust detail E-FC-5. Precast concrete slab  
Screed laid on **CELLECTA YELOfon® HD10+** resilient later system

## YELOfon® E-Strip

Lightweight, flexible extruded polyethylene strips. When installed around the floor perimeter they will eliminate acoustic flanking with the wall and the treatments

## YELOfon® HD10+ rolls

Lightweight, high performance acoustic resilient layer for installation under screeds on a concrete floor.

## YELOfon® J-Strip

Acoustic joining strip for sealing gaps and overlapping rolls

Visualisation shows Robust detail E-FC-5. Underfloor added addition

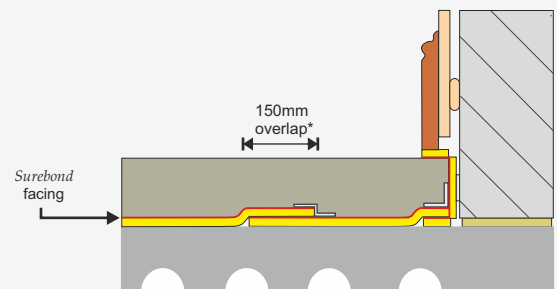
## INSTALLATION DETAILS

For the full installation guide, visit [www.cellecta.co.uk](http://www.cellecta.co.uk) and view the online video or download the Collecta app to your smart phone.

- ⊞ Ensure the floor is clear of dirt and mess
- ⊞ Install **YELOfon® E-Strip** around the floor perimeter
- ⊞ Starting in one corner lay **YELOfon® HD10+** rolls
- ⊞ Seal the joints with **YELOfon® J-Strip**

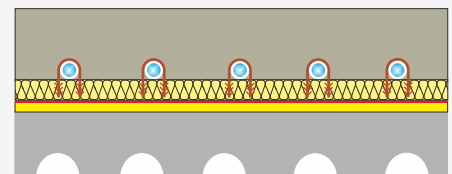
## TYPICAL ACOUSTIC PERFORMANCE

### YELOfon® HD10+ E-FC-5



Robust Detail mean performance
$D_{nT,w} + C_{tr} = 52\text{dB}$
$L_{nT,w} = 54\text{dB}$

Typical PCT performance <sup>(2)</sup>
$D_{nT,w} + C_{tr} = 52\text{dB}$
$L_{nT,w} = 54\text{dB}$



Underfloor heating system within screed (with thermal insulation) \*\* Excluding X2i.

## TECHNICAL ADVICE & SUPPORT

**CELLECTA** manufacture a range of high performance thermal and acoustic insulation products, supported by a technical advice line staffed by experienced consultants who can provide a number of useful services:

- ⊞ Technical and installation advice
- ⊞ Give advice on the most suitable product to use
- ⊞ Supply detailed fixing instructions
- ⊞ Arrange site surveys
- ⊞ Design specifications