

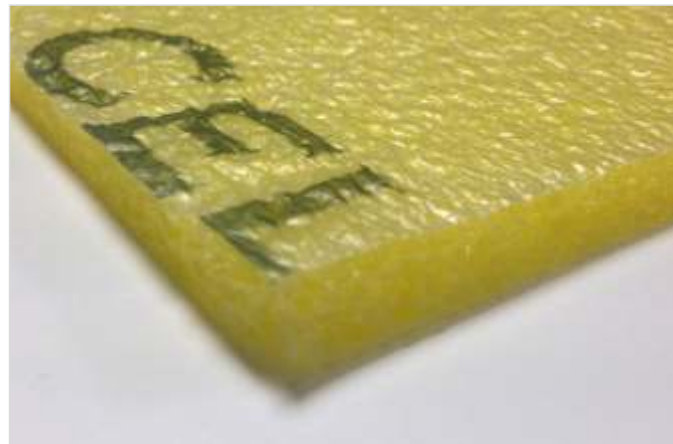
YELOfon[®] HD10+ System

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 7,000,000m² 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 ²	<1.0
	kg/sheet	≤25

ADDITIONAL INFO

PCT
Treatment

Rd
Compliant
Treatment
E-FC-5

Under Screed
CONCRETE

Recycled Material

CELLECTA App

RESOURCES

FASTRACKCAD
ARCHITECTURAL CAD DATABASES

Plus



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

THE SYSTEM CONSISTS OF

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

YELOfon[®] E-Strip

YELOfon[®] J-Strip

YELOfon[®] HD10+



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 and view the online video or download the Cellecta 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**

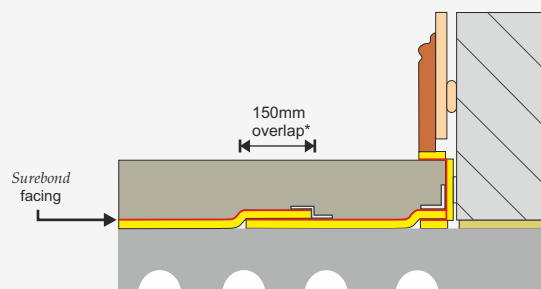
TECHNICAL ADVICE & SUPPORT

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

TYPICAL ACOUSTIC PERFORMANCE

YELOfon[®] HD10+ E-FC-5



Robust Detail mean performance

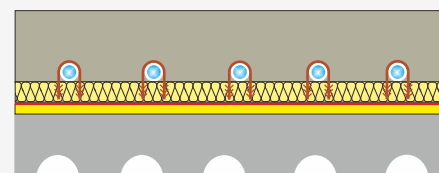
$$D_{nT,w} + C_{tr} = 52\text{dB}$$

$$L_{nT,w} = 54\text{dB}$$

Typical PCT performance⁽²⁾

$$D_{nT,w} + C_{tr} = 52\text{dB}$$

$$L_{nT,w} = 54\text{dB}$$



** Excluding X2i.

Underfloor heating system within screed (with thermal insulation)