



# DECKfon<sup>®</sup> **ULTRAmat 15**





High Density Composite Acoustic Overlay Mat

- ◻ Installation guidelines
- ◻ Proven constructions
- ◻ Technical data sheets
- ◻ Top tips



## Pre-Installation

Before commencing installation, take time to familiarise yourself with the products and installation instructions. To complete the installation you will need the following items:

-  **DECKfon® ULTRAmat 15** boards
-  **YELOfon® FS15** flanking strip
-  Tape measure
-  Utility Knife

## Sub-Floor Preparation

Prior to installing the **DECKfon® ULTRAmat 15**, ensure that the substrate is level and structurally sound. Any loose floorboards should be secured to the joists with suitable fixings.

Sweep the floors to ensure any building debris to allow the boards to lay flat and fill all potential air paths in the floor deck with a suitable flexible mastic.

## Installation of DECKfon® ULTRAmat 15

The **DECKfon® ULTRAmat 15** should be installed in a brick bond pattern, ensuring no gaps occur between the boards.

Boards should be butted up tightly to the perimeter detail (this detail may vary depending on the floor finish - see relevant section below).

**DECKfon® ULTRAmat 15** can be cut to the required length using a sharp knife. Ensure suitable PPE is used when cutting the boards in accordance with the Safety Data Sheet, a copy of which can be supplied upon request.

Both load bearing walls and non-load bearing partitions must be built off the timber subfloor and not the **DECKfon® ULTRAmat 15**. All walls and partitions must then be isolated from the floor finish using either the **ULTRAmat 15** or flanking strip.

**DECKfon® ULTRAmat 15** is a floating floor treatment and therefore does not need to be mechanically fixed to the timber subfloor. Any mechanical fixings penetrating the **ULTRAmat 15** may result in acoustic failure.

## Sanitary Ware & Kitchen Units

Sanitary ware and kitchen units must be built off the sub-floor with the **DECKfon® ULTRAmat 15** dressed up as close as possible to the legs or units.

Install any decorative panels such as plinths or bath surrounds to produce a neat finish. Seal any gaps with a flexible mastic.

## Floor Finishes

### Carpet

Underlays and carpet can be installed directly over the **DECKfon® ULTRAmat 15** without additional preparation. Carpet grippers should be fixed to the subfloor with the **ULTRAmat 15** dressed tightly to it.

### Laminate floors/Vinyl/Tiles

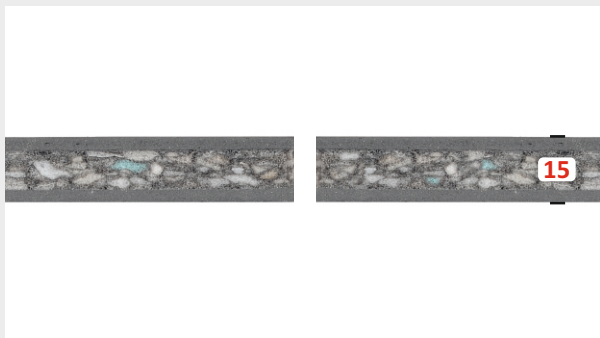
We highly recommend that an additional layer of plywood is installed above the **ULTRAmat 15** prior to installing laminate flooring to add additional stability for the floor finish. The overlay board should be bonded to the **ULTRAmat 15** using **CELLECTA HB724** adhesive ensuring the joints are staggered with the joints of the **ULTRAmat 15** by at least 50mm.

### Engineered Wood Flooring

Engineered floors can be installed directly over the **DECKfon® ULTRAmat 15**, however, confirmation must be sought from the floor finish manufacturer before installation commences. Should they deem it necessary, then follow the steps to install an overlay board.

## DECKfon® ULTRAmat 15

High Density Composite Acoustic Overlay Mat



### Product Information

DECKfon® ULTRAmat 15 high performance, three layer composite mat that will improve both the impact and airborne performance of a floor where there is limited room height available. Once laid, the mat can be covered with carpet or suitable wooden flooring.

### Product Benefits

- High acoustic performance
- Only 15mm thick
- Suitable for all floor types
- High density: 15.8kg/m<sup>2</sup>
- Quick and easy to lay. Cuts with a sharp knife

### Technical Data

		DECKfon®
		ULTRAmat 15
Product description	-	Composite high density acoustic mat
Thickness'	mm	15
Mat dimensions	mm	1200 x 1200
Facing (top on bottom)	-	3mm recycled PVC with density fillers
Resilient core	-	9mm flexible open-cell PU foam
Weight	kg/m <sup>2</sup> kg/mat	15.80 22.75
Associated flanking strip required	-	YELOfon ES5/15

### Third Party Accreditation and Approvals

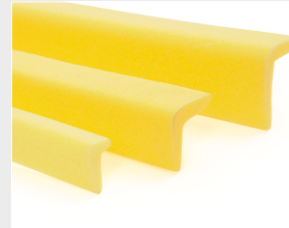


### Environmental Credentials



## YELOfon® Perimeter Edge Strips

6mm thick, non-cross linked, closed-cell polyethylene, "L" profiled perimeter flanking strips



Product reference	Dimensions
FS15	15mm x 30mm x 6mm x 2m
FS30	30mm x 30mm x 6mm x 2m
FS50	50mm x 30mm x 6mm x 2m

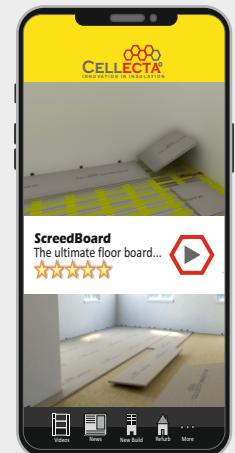
### Adhesive, floor primer & levelling compound

CELLECTA HB724 Adhesive: Water based dispersion adhesive for bonding treatments to concrete/screeded floors



Tub size	14kg
Typical coverage	≤46m <sup>2</sup>
Curing time	1 hour high grab 24 hours full bond
Application	Bonding floor coverings to base floors

For on the go access to information, including installation videos & technical data, download the **CELLECTA app** for smart phones and tablet devices.



### FREE services offered by CELLECTA:

- Technical and installation advice
- Architectural drawings and NBS specs
- U-value and imposed load calculations
- Site surveys and take-off service
- Arrange acoustic testing
- Present RIBA certified CPD's