



DECKfon[®] **ULTRA**lay 5

High Density Acoustic Floor Covering

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



INSTALLATION GUIDE

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® ULTRAlay 5** roll
-  **CELLECTA HB724 Adhesive**
-  A2 notched trowel
-  Tape measure
-  Utility Knife

Sub-Floor Preparation

Prior to installing the **ULTRAlay**, it is important that the subfloors are dry and level with all building debris, oil and grease removed.

Levelling Subfloors

Concrete floors can be levelled using **CELLECTA**'s **RL24** levelling compound. Begin by priming and sealing the floor using **CELLECTA MP60 Primer** to the clean dry surface using a long handled foam roller and bucket - do not pour directly onto the floor. On highly absorbent surfaces where the primer soaks in quickly, apply a second coat approximately 30 minutes after the first. Allow to thoroughly dry (approx 2-4 hours).

In a clean container, mix **CELLECTA RL24** in a ratio of 25kg dry powder to 6 litres of clean water into a smooth and lump free consistency (ratio to be maintained for part quantities).

Using a smoothing trowel, apply to the prepared surface to the required thickness. Allow to fully dry before proceeding (24 hours @ 3mm).

Acclimatisation

Prior to the installation of **DECKfon® ULTRAlay**, roll out and loosely lay the mat in position to acclimatise for at least 24 hours.

HB724 Adhesive

Remove acclimatised **ULTRAtop** and install the **HB724** Adhesive. On rough, non-absorbent or moisture-sensitive surfaces, prime the substrate. **CELLECTA**, highly recommend testing the substrate prior to installation of the adhesive.

Using an A2 notched trowel, install the **HB724** adhesive on the concrete floor. Only apply as much adhesive as can be covered within the working time (approx. 20-35 minutes - depending on climatic conditions and surface absorbency).

DECKfon® ULTRAlay Installation

Install the **DECKfon®** onto the **HB724** ensuring that the edges butt tightly together. At the end of the roll we recommend that the resilient layers are overlapped and trimmed using a straight edge and sharp knife to ensure the ends butt tightly together. This is particularly important when being utilised under sensitive floor finishes such as vinyl.

Leave a small gap (approx. 2mm) between the rolls and the perimeter walls (or skirting board).

Smooth out the **ULTRAlay** to ensure full adhesion and to remove any air bubbles. We recommend that this step is repeated after 20 minutes to ensure full adhesion.

DECKfon® must not be mechanically fixed to the concrete floor as any fixing through the foam will result in acoustic failure.

Floor Finishes

Once installation of the **DECKfon®** is complete floor finishes should not be installed for at least 24 hours.

Install all floor finishes on top of the **DECKfon® ULTRAlay 5** in accordance with the manufacturers instructions and the relevant British Standards.

Carpet

It is recommended that any carpet grippers are glued to the **DECKfon® ULTRAlay**, rather than fixing through the resilient layer.

Wooden and laminate floors

In accordance with the manufacturers guidance, ensure any wood flooring is acclimatised to the room prior to installation. Where possible wood flooring should be laid at a 90 degree angle across the width of the **DECKfon®**.

Allow suitable expansion joints around the perimeter of the room in line with the manufacturers advice and ensure that the flooring is not in contact with the skirting board.

Wooden floors should not be mechanically fixed to the resilient layer, if gluing, ensure that a suitable adhesive is used in line with the flooring manufacturers recommendations or an adhesive specialist.

Tiles

Before installing any tiles, take time to plan and review the installation guidelines from the tile manufacturer. All tiles should be installed in line with the guidelines and the relevant British Standards.

Where possible, tiles should be installed from the centre of the floor outward to ensure cuts are positioned against the perimeter of the room. For larger format tiles or natural stone tiles, speak to our technical team prior to commencing installation.

Vinyl

CELLECTA do not recommend the use of vinyl as a floor finish over **DECKfon® ULTRAlay**, please contact our technical department for further information.

NOTE - Attention should be paid to all health & safety regulations. For Safety Data Sheets please contact the technical department. **CELLECTA** is constantly reviewing all of its guidance and best practices and therefore reserve the right to alter specifications and guidance at any time and without notice.

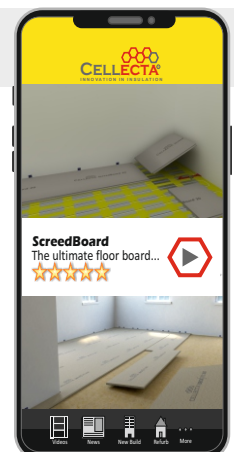
The information contained in this document is based on **CELLECTA's** experience and represents best practices at the time of writing. This document does not act as a Guarantee of the product or its performance.

Need more installation help on site?

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

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



DECKfon® ULTRAlay 5

High Density Acoustic Floor Covering



Product Information

DECKfon® ULTRAlay 5 is high density acoustic floor covering, supplied in easy to handle rolls. When fully bonded to a concrete floor **ULTRAlay 5** will provide unrivalled impact sound reduction, ensuring compliance with legislative requirements.

Product Benefits

- Ultimate impact sound reduction
- Only 5mm thick
- Robust **Detail E-FC-8** compliant treatment
- Made from 100% recycled, recycled open-cell PU foam
- Quick and easy to lay. Cuts with a sharp knife

Technical Data

		DECKfon®
		ULTRAlay 5
Product description	-	High density acoustic floor covering
Thickness'	mm	5
Roll dimensions	m	1.2 x 10
Composition	-	Recycled open-cell polyurethane foam
Weight	kg/m² kg/roll	1.25 15.00
Associated flanking strip required	-	Not required
Associated flanking strip required	-	CELLECTA HB724 adhesive

Third Party Accreditation and Approvals



Environmental Credentials



Storage

Both **DECKfon® ULTRAlay** and **HB724** should be stored in dry conditions between 5 - 30°C. Once adhesive is open ensure the lid is firmly secured after use.

DECKfon® is supplied wrapped in temporary protection. This covering is to offer dust protection and a temporary measure to protect the rolls from the weather during the loading/unloading process, it is **not** a waterproof cover.

Adhesive, floor primer & levelling compound

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



Tub size	14kg
Typical coverage	≤46m²
Curing time	1 hour high grab 24 hours full bond
Application	Bonding floor coverings to base floors

CELLECTA MP60 Primer: Multi-purpose dispersion primer for preparation of surface prior to fixing floor tiles



Bottle size	5kg
Typical coverage	60m²
Curing time	24 hours
Application	Sealing high density gypsum boards

CELLECTA RL24 Rapid Drying Levelling Screed

Composition: Fibre reinforced levelling compound



Bag size	20kg
Typical coverage	4m² @ 3mm
Drying time	Foot traffic 2 hours @ 3mm
Installation of floor finish	≤3mm - 24 hours >3mm - 24 hrs/mm