



ScreedBoard® 28/30

The **Ultimate** Acoustic Overlay Board for All Types of Separating Floors

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



Storage of ScreedBoard

ScreedBoard should be stored on a pallet in dry conditions on a dry, flat and level base.

If you are required to re-stack the **ScreedBoard**, we advise that the boards are stored on a pallet or are fully supported from the underside. Care should be taken not to damage the edges of the board whilst re-stacking.

Pallets of **ScreedBoard** must not be stacked on top of each other.



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

ScreedBoard is an internal product and should remain dry at all times. If the product is to be temporarily stored outside appropriate measures are required to protect the boards from moisture, such as a suitable waterproof tarpaulin or sheeting.

The stacking of **ScreedBoard** on their edges, should be avoided as this can lead to damage of the tongue and/or groove.

Prior to installation, **ScreedBoard** should be left to acclimatise for 48 hours in the installation space, remove the temporary packaging for this process.

Moisture Damage

Whilst **ScreedBoard** is a dimensionally stable product, even when wet, any wet boards should be left to dry out completely on a level surface and be assessed for suitability before being installed.

Should the boards become saturated during storage or in-situ, we strongly advise contacting our technical department to arrange a site survey to review the products suitability.



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.

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:

- ⬡ ScreedBoard® 28/30
- ⬡ Pro Adhesive
- ⬡ ScreedBoard® Tool Kit
- ⬡ YELOfon® FS Strip
- ⬡ Hand or circular saw
- ⬡ Tape measure
- ⬡ 6-8mm packers
- ⬡ Club hammer

Sub-Floor Preparation

Prior to installing the **ScreedBoard® 28/30**, it is important that the subfloors are dry, level and structurally sound. The floor should have a tolerance of at least SR2, this equates to a maximum 5mm gap over a two metre straight edge.

A concrete floor should have a maximum relative humidity of 75% or lower when measured in accordance with BS8203. If this level is not reached a DPM should be designed in. Please seek the advise of a specialist if deemed necessary.

Levelling Subfloors

Concrete floors outside of the SR2 standard 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 of dry powder to 6 litres of clean water to 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).

For uneven timber floors, packers should be installed under the sub-floor and any loose floorboards should be secured to the joists using suitable screws.

Installation of ScreedBoard® 28/30

Starting in the far left hand corner of the room, place 6-8mm packers against both walls and install the first **ScreedBoard® 28** with the tongue of the short and long side facing the wall.

TOP TIP - Do not use the YELOfon® FS/ES in place of packers as this is a compressible material

Run a bead of **CELLECTA Pro Adhesive** along the short groove of the **ScreedBoard® 28/30**. Interlock the next board of **ScreedBoard® 28/30**, ensuring the joints are flush and the edges line up exactly.

Place the **ScreedBoard® Fixing Batten** carefully in the groove of the second **ScreedBoard®** and tap with a club hammer to ensure there are no gaps showing between the boards. Repeat the process across the floor.

At wall abutments, measure the gap from the laid **ScreedBoard®** to the wall allowing for a 5mm gap between the wall and the **ScreedBoard®**.

Using a hand or circular saw cut the **ScreedBoard®** to the required length. Although not hazardous, **ScreedBoard®** can produce a fine dust when cut. Ensure a suitable face mask and dust extraction are used and cut the boards in a well ventilated area in accordance with the Safety Data Sheet.

Installation of ScreedBoard® 28/30 (cont)

Apply **CELLECTA Pro Adhesive** in the groove and install to complete the row. Place the **ScreedBoard® Pull Bar** over the edge of the board nearest the wall and tap gently with a club hammer to fully interlock the boards.

Apply a bead of **CELLECTA Pro Adhesive** along the long edge of the first board of **ScreedBoard® 28/30**. Ensuring the cut is on the outside, use the off cut of **ScreedBoard®** to begin the next row. Where possible, it is advised that any off cut should be no less than 100mm in width.

Install the long edge of the **ScreedBoard®**, leaving approximately a 30mm gap between the short edges. Ensure there is no gap between the long edge. Using the **Laying Timber**, gently tap the short edge into place ensuring that all edges line up.

The remainder of the **ScreedBoard®** is then installed in a brick bond formation ensuring all boards are glued and tightly interlocked. It is important that none of the boards are in contact with any walls or door treatments as this can result in acoustic failure.

Remove the packing shims from around the **ScreedBoard®** and install **YELOfon® FS** strip around all perimeters to isolate the **ScreedBoard®** and stop flanking transmission.

Any soil pipes or services that penetrate the **ScreedBoard®** should be isolated from the board using **YELOfon® ES/FS**.

If undertaking dry lining after the boards have been installed, care should be taken to protect the **ScreedBoard®** from excessive point loads of further trades (ie. plasterboard trolleys). All plasterboard, as well as the skirting boards **must be** isolated from the **ScreedBoard®** by the **YELOfon® FS** Strip.

Sanitary Ware & Kitchen Units

All kitchen units and sanitary ware can be built off the structural floor or **ScreedBoard®**. If building off the structural floor ensure a gap is left between units, overlay board and any floor finish. Seal any gaps with a suitable mastic.

If required raise the height of the sanitary ware or units to suit the finished height of the **ScreedBoard® 28/30** and selected floor finish.

If fixing kitchen units/sanitary ware to the **ScreedBoard® 28/30**, care must be taken to ensure that no mechanical fixings penetrate the resilient layer.

Door Thresholds

At door thresholds between apartments and communal areas or under any boards that are butt jointed, install **RUBBERfon® TSS** (Threshold Support Strip).

With a sharp knife, carefully trim back 35mm of the resilient layer from the leading edges of the **ScreedBoard®**'s and install the 75mm **RUBBERfon® TSS**.

When adopting the threshold detail between communal and habitable areas particular attention must be paid to Building Regulations Part B - Fire Safety. If in doubt, please speak to our Technical Department for more information.

Floor Finishes

Carpet

Underlays and carpet can be installed directly over the **ScreedBoard® 28/30** without additional preparation. If mechanically fixing carpet grippers, care must be taken not to penetrate the resilient layer.

If bonding carpet tiles to the **ScreedBoard®** follow the below steps to prime the floor prior to installation.

Wooden and laminate floors

Ensure any wood flooring is acclimatised to the room it will be installed in, in accordance with the manufacturer's guidance. Where possible wood flooring should be laid at a 90 degree angle to the **ScreedBoard® 28/30**.

Allow suitable expansion joints around the perimeter of the room in line with the manufacturer's advice.

If wooden flooring needs to be mechanically fixed, care should be taken to not penetrate the resilient layer. If the flooring needs to be adhered to the **ScreedBoard®**, the board will need priming.

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 these and the relevant British Standards.

Prime and seal the floor using **CELLECTA** Primer to the clean dry surface using a long handled foam roller, do not pour directly onto the **ScreedBoard®**. Allow to thoroughly dry (approx 2-4 hours). Do not use in confined spaces without adequate ventilation. Wear suitable clothing, gloves and face mask. For full details, see **CELLECTA's** safety data sheets. Once dried, install the tile adhesive onto the primed **ScreedBoard®** and install tiles in accordance with the manufacturer's guidelines.

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, speak to our technical team prior to commencing installation. For natural stone tiles a decoupling membrane may be required, please check with your tile manufacturer before installing.

Vinyl

If installed correctly, **ScreedBoard® 28/30** will give a seamless finish that can accept vinyl flooring directly. Remove any debris from the surface of the **ScreedBoard®** and scrape away any excess adhesive from the joints.

Carefully check the floor installation to identify any imperfections that may show through the vinyl. For minor repairs mix **CELLECTA FC180** to the desired consistency with cold clean water - typically using 200ml of water to 1kg of powder. In a clean container, sprinkle in the **FC180** to the water whilst mixing vigorously until lump free. Mix only as much as can be applied within 10-15 minutes.

Spread the **FC180** mix evenly into the areas in need of repair with a smoothing trowel. Leave for approx. 15 minutes and then re-work to smooth. Sand back any excess ridges that may show through the vinyl.

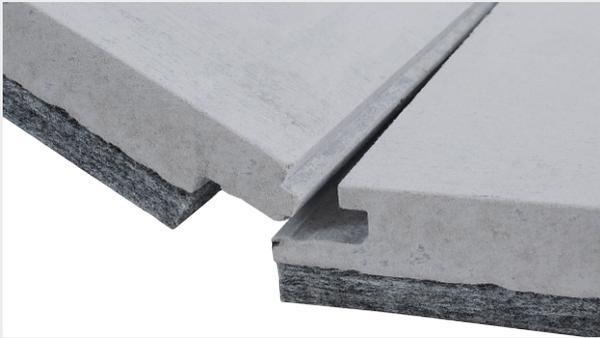
Should it be deemed necessary, **CELLECTA RL24** can be installed over the **ScreedBoard® 28/30**. Follow the above steps to ensure that no levelling compound can migrate through any larger gaps in the **ScreedBoard®**.

Prime and seal the **ScreedBoard®** in accordance with the instructions above. In a clean container, mix **CELLECTA RL24** in a ratio of 25kg of dry powder to 6 litres of clean water to 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). Vinyl can be installed directly to the **RL24** without additional primer.

ScreedBoard® 28

The **Ultimate** Acoustic Overlay Board for All Types of Separating Floors



Product Information

ScreedBoard® 28 is an award winning composite acoustic overlay treatment, featuring interlocking edges for installation convenience. Its high density and unique resilient layer provides unrivalled acoustic performance, typically 5dB better than legislative requirements.

Product Benefits

- Unrivalled performance - **Robust Detail** proprietary treatment: **E-FS-3, E-FT-5, E-FT-6** and **FFT4** compliant
- Suitable for all types of steel, concrete and timber floors
- Looks and feels like screed
- Directly accepts all types of floor covering, inc. floor tile

Technical Data

		ScreedBoard® 28
Product description	-	High density composite acoustic overlay floorboard
Thickness	mm	28
Facing board	-	20mm ScreedBoard 20 (interlocking, HD gypsum)
Resilient layer	-	8mm FIBREfon 8 acoustic fleece
Edge profile	-	Interlocking tongue & groove
Board dimensions	mm	600 x 1200
Weight	kg/m ² kg/board	26.00 18.72
Associated flanking strip options	-	YELOfon FS15, 30, 50



Third Party Accreditation and Approvals



Environmental Credentials



ScreedBoard® 30

The **Ultimate** Acoustic Overlay Board for Concrete Separating Floors



Product Information

ScreedBoard® 30 composite acoustic overlay treatment is designed specifically for concrete separating floors. The board's high density and superior compressive strength resilient layer provides outstanding acoustic performance and is an ideal base to accept a multitude of floor finishes.

Product Benefits

- Looks and feels like screed
- Compatible with all types of concrete floors
- **Robust Detail FFT4** compliant acoustic treatment
- Interlocking edge detail
- Accepts all types of floor coverings, inc. brittle finishes

Technical Data

		ScreedBoard® 30
Product description	-	Composite acoustic overlay floorboard
Thickness	mm	30
Facing board	-	20mm ScreedBoard 20 (interlocking, HD gypsum)
Resilient layer	-	10mm FIBREfon 10 high load acoustic board
Edge profile	-	Interlocking tongue & groove
Board dimensions	mm	600 x 1200
Weight	kg/m ² kg/board	27.20 19.58
Associated flanking strip options	-	YELOfon FS15, 30, 50



Third Party Accreditation and Approvals



Environmental Credentials



Adhesives & Floor Primer

CELLECTA PRO Adhesive: Multi purpose, moisture curing polyurethane (MCPU) joint adhesive

	Bottle size	1kg
	Typical coverage	33m ²
	Curing time	24 hours
	Application	Bonding HiDECK, ScreedBoard & timber treatments T & G edges

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

	Bottle size	5kg
	Typical coverage	60m ²
	Curing time	24 hours
	Application	Sealing high density gypsum boards

Levelling Compounds

CELLECTA RL24 Rapid Drying Levelling Screed

Composition: Fibre reinforced levelling compound

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

CELLECTA FC180 Feathering coat

Composition: Calcium sulphate repair compound

	Bag size	20kg
	Typical coverage	13m ² @ 1mm
	Drying time	45mm @ 3mm
	Installation of floor finish	2 hours @ 3mm

	Suitable Adhesive		
	PRO	fon	HB724
Acoustic treatment			
ScreedBoard® 20, 28, 30 boards	⬡		
HiDECK® 25, 28, 30 Structural boards	⬡		
DECKfon® 17T, 26T, 30T, 37T & Quattro 39 boards		⬡	
FIBREfon® 12C, 21C & 28C boards		⬡	
XFLO® Micro, Micro FF & TB boards			⬡
DECKfon® ULTRAlay 5			⬡
RUBBERfon® ULTRAtop 3 & 5			⬡

Fixing tools

ScreedBoard® Fixing Batten

	Application	Fitting ScreedBoard 20 ScreedBoard 28 ScreedBoard 30
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Floor Board Pull Bar

	Application	Fitting ScreedBoards HiDECK Structural Timber treatments
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YELOfon® Perimeter Edge Strips

5mm thick, non-cross-linked, closed-cell polyethylene foam rolls

	Product reference	Dimensions
	ES5/15	5mm x 15mm x 50m
	ES5/60	5mm x 60mm x 50m
	ES5/100	5mm x 100mm x 50m
	ES5/120	5mm x 120mm x 50m
ES5/150	5mm x 150mm x 50m	

10mm thick, non-cross-linked, closed-cell polyethylene foam rolls

	Product reference	Dimensions
	ES10/100	10mm x 100mm x 50m
	ES10/120	10mm x 120mm x 50m
	ES10/150	10mm x 150mm x 50m

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