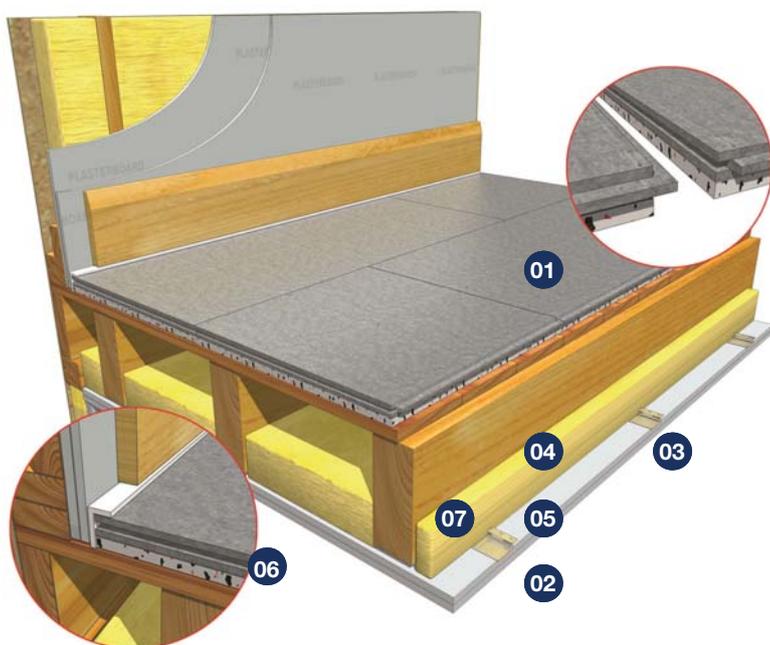


JCW SoundBoard 28 Plus

PREMIUM CEMENT PARTICLE BOARD



Datasheet 64.2



- 01 JCW SoundBoard 28 plus
- 02 2 x 15mm Acoustic Plasterboard
- 03 Resilient Bars
- 04 Existing Subfloor (15mm OSB)
- 05 100mm x 45 kg/m³ slab
- 06 JCW L Shaped or Flat Perimeter Edging Strip detail
- 07 235mm Timber or 240mm I-Joists or solid joists at 600mm centres

Product Code: 1289

Cement Particle Board based premium t&g acoustic overlay board for timber floors

18mm Cement Particle Board (tongued and grooved) laminated to 10mm acoustic resilient layer

Timber Floor Types

- JCW SoundBoard 28 plus has been designed for use as a floating overlay floor supported on decking
- Suitable for new builds with conventional timber joists, I-joists and metal web joists. May also be used on conversion projects
- Suitable for underfloor heating

The Cement Particle board provides a good surface for most floor finishes including tiling. Thin vinyl and bonded carpets/tiles etc may require additional joint/floor preparation to prevent grinning

PCT/PT & Refurbishment

- Verified independent UKAS accredited laboratory test data is based on floor structure illustrated above
- It is essential all components are correctly installed and detailed to meet the requirements where Pre-completion Sound Testing is mandatory

JCW SoundBoard 28 Sheet Size: 1200mm x 600mm **Board Weight:** 17.3kg / 24.03kg m²

BRE LAB TEST DATA: **TEST NO:** L216-017, L216-018

Airborne: Rw (c,ctr) 63(-2,-9)dB

Impact: Ln, w (C1) 50(1)dB

Method of Compliance

PCT/PT (Scotland)

Ancillary Products

- 1130 JCW Flat Edging Strip (50 Lm x 150mm x 5mm)
- 1490 JCW Flat Edging Strip (50lm x 75mm x 5mm)
- 1196 JCW Jointing Adhesive (coverage 20m² per litre)
- 1027 JCW Acoustic Sealant (310ml)

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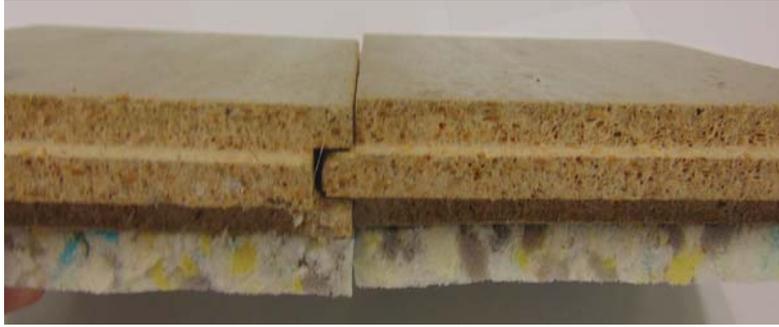


Unit 32-34 Waters Meeting Development
Britannia Way, Bolton, BL2 2HH

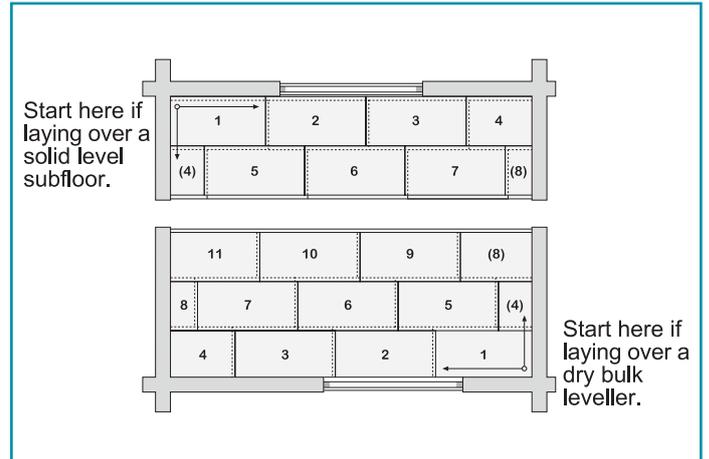
Sales helpline **01204 548400**
8.30am - 5.00pm Monday to Friday

sales@acoustic-supplies.com
www.acoustic-supplies.com

Basic guidance notes for installation of JCW SoundBoard 28 plus



- All acoustic panels are laid as a floating floor (i.e. no mechanical fixings into the sub-floor). The boards must be dry and acclimatised prior to installation, this will minimise any expansion or contraction during and after installation. The boards must be fully supported and installed onto a dry, flat and level base floor. Acoustic boards are best laid towards the end of the project to protect from general trades, high floor loadings and moisture leading to expansion.
 - JCW SoundBoard 28 plus boards are 1200 x 600 x 28mm with tongue and grooved joints. The boards are glued together as they are laid. Apply beads of JCW Jointing Adhesive to the groove of the board using the special applicator nozzle. Offer up the next board, butting the joints tightly together. The adhesive will set in approximately 24 hours, avoid excessive traffic during the setting process. Once the adhesive has set any excess adhesive can be scrapped off using a filling knife.
- Preparation:** the floor area/s to be overlaid should be carefully planned prior to commencing installation to minimise wastage. The boards can only be laid onto a new or existing flat sub-floor.
 - Ensure that the wall surfaces are prepared (plaster skimmed or plaster boarded down to the level of the sub-deck). Any gaps will facilitate the unwanted transmission of sound via the wall edges.
 - Apply the 5mm foam flat wall **JCW Perimeter Edging Strip** or **L shaped strips** to the base of all perimeter walls allowing approximately 15mm excess foam above the finished acoustic board height, this can later be folded down on top of the acoustic floor surface to isolate the skirting boards. Any unwanted excess foam can then be cut back with a sharp knife.
 - Laying JCW SoundBoard 28 plus:** Remove the edge profile of the boards overlap joint at the wall edges and scribe the first corner board in the far left corner and butt up to (do not compress the JCW Perimeter Edging Strip) the JCW Perimeter Edging Strip. All board joints must be fully adhesive bonded. The last board in the first row should be cut to length and the offcut carried forward to begin the second row.
 - Proceed with the second and successive rows ensuring that all board joints are laid brick bond pattern with a minimum staggered overlap of 200mm. The last row of boards will require accurate cutting & scribing to butt up to the wall **JCW Perimeter Edging Strip**. Any minor gaps between the Perimeter Edging Strip and the acoustic board must be filled with **JCW Acoustic Sealant/Mastic**. It is imperative that the JCW Perimeter Edging Strip is not compressed in order to maintain acoustic isolation and an allowance for expansion. Any minor gaps around the perimeter edges should be filled with JCW Acoustic Mastic/Sealant.



Laying pattern sequence guide

- At doorways:** the acoustic floor should not be continuous with adjoining areas. At the door threshold leave a 5mm gap between the adjoining acoustic boards and fill with JCW Acoustic Sealant. This action will ensure that the acoustic integrity is maintained within the room that is being Sound Tested. Note; if the sub-floor at the doorways is not flat, the acoustic boards may require additional base support to reduce any compressive joint movement. Additionally the surface joints could be sanded a 3-5mm to level if required.

Any penetrations through the acoustic floor and/or beneath the separating ceiling must be correctly detailed and dealt with on a site by site basis.

Floor coverings

JCW SoundBoard 28 plus is suitable to receive a wide variety of floor coverings including carpets, vinyl, tiles, wooden and laminate flooring. Floor coverings should not be installed until 24 hours after the installation.

Thin vinyl coverings

Fill and smooth the board joints with a levelling compound to ensure a seamless finish before applying a primer to the manufacturers recommendations.

Elastic coverings

If an elastic vinyl or linoleum covering is to be installed then the surface of the boards should be smoothed using a fine calcium sulphate self levelling screed.

Stone and ceramic tiles

Prime the surface of the boards as per the tile adhesive manufacturers recommendations. If tiles larger than 330 x 330mm are to be installed please contact Technical Services for more information.

Wooden flooring

Adhere timber floor coverings to the JCW SoundBoard 28 plus following the recommendations of the timber floor manufacturer.

Wet areas

Fully tank the entire board surface to protect against leaks.

Further assistance is available via our Technical Helpline.