DB ACOUSTIC UNDERLAY 15 { Acoustic Flooring Underlay System

A SOUND REDUCTION SYSTEMS PRODUCT

dB Acoustic Underlay 15 is a versatile, easy to install acoustic flooring system. It is suitable for use in domestic, commercial and industrial environments and can be laid under a wide range of floor finishes. dB Acoustic Underlay 15 provides excellent impact noise performance for footsteps, dropped items and moving and reduces airborne noise such as TV, music and speech when used on timber joisted substrates. dB Acoustic Underlay 15 can also be used to meet Part E of the Building Regulations – Resistance to the passage of sound – in both new build and conversion projects.

Key Benefits:

- Improves acoustic performance of timber and concrete substrates
- Suitable for use beneath a variety of floor finishes including carpet and engineered timber (some accessories may be required)
- Pleasant to work with, easily cut and shaped.
- Minimises increase in floor level.
- Can be used to comply with Part E of the Building Regulations (England and Wales), Section 5 (Scotland), and Part G (N. Ireland)
- Suitable for new build, change of use, and refurbishment projects

Acoustic Performance:

- 15mm dB Acoustic Underlay 15
- 22mm T&G Chipboard
- 225x50mm softwood joists @ 450mm centres with 100mm thick Maxi Slab infill
- RB1 Resilient Bars @ 400mm centres
- 2 x 15mm Soundbloc plasterboard ceiling fixed to the resilient bars

dB Acoustic Underlay 15	Airborne		Impact
	$D_{nT,w}$	$D_{nT,w}+C_{tr}$	$L'_{nT,w}$
	57dB	51dB	53dB

Tests carried out in accordance with BS EN ISO 140 Part 4 and rated to BS EN ISO 717 Parts 1 and 7 by Spratt and Hamer (UKAS) on 3rd February 2023. Airborne test reference: 20706S-5, Impact test reference: 20706S-6

Physical Properties and Accessories:

dB Acoustic Underlay 15	SIZE	THICKNESS	WEIGHT
	1200 x 1200mm	15mm	15kg/m2

dB Acoustic Underlay 15 Accessories
dB Acoustic Underlay 15 Perimeter Strip 1200x25x9mm
dB Acoustic Underlay 15 T&G MDF 1200x1200x6mm
dB Acoustic Underlay 15 Adhesive 5kg (15m² Coverage)

Storage:

dB Acoustic Underlay 15 must be laid flat and kept dry. dB Acoustic Underlay 15 should only be stored on site if the building has been sealed and is completely dry.

Cutting:

dB Acoustic Underlay 15 is best cut by sharp long bladed trimming knife. Score the surface then run through with knife several times to avoid tearing. When shaping use large scissors or tin snips. A circular saw should be used for large numbers of straight cuts.

Handling:

dB Acoustic Underlay 15 is a heavy product (22kg per 1200 x 1200mm sheet). Please exercise caution when lifting and installing. The HSE can provide information and guidance on the lifting and handling of heavy goods www.hse.gov.uk

General Notes:

There are a vast number of floor finishes available, and, as such, the installation guidance in this datasheet is given in good faith and to the best of our knowledge. The final decision regarding the compatibility of any floor finish installed onto dB Acoustic Underlay 15 must remain the responsibility of the flooring contractor/installer. If in any doubt, please seek advice from the floor finish manufacturer. Good practice applies in all cases. Prior to installation of dB Acoustic Underlay 15 the floor should be level, clean, and dry. dB Acoustic Underlay 15 should be allowed to acclimatise to site conditions prior to installation.

SOUND REDUCTION SYSTEMS

Sound Reduction Systems Ltd
Adam Street,
Bolton, BL3 2AP

T: +44 (0)1204 380074
E: info@soundreduction.co.uk
F: +44 (0)1204 380957
www.soundreduction.co.uk

Site conditions and installation standards vary. SRS cannot take responsibility for the performance of any installed system of which SRS products are only a part, or that have been installed incorrectly. Prior to installation, it is necessary to identify and eliminate possible flanking paths that may compromise the acoustic performance of any SRS product.

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