

Laying Instructions for Insulating Underlay DB LOC

DB LOC sound insulating underlay is perfect in providing footfall sound reduction under floating floors. The high residual indentation properties of the fibre-fleece also protect lateral and header click flooring connections and increases walking comfort. **DB LOC** is developed for the floating installation of SPC Rigid Clic and LVT Clic. This unique underlayment offers a high reduction of impact sound, up to 20dB dependent on the click flooring used.

General notes

The installation of DB LOC insulating underlay is to be performed according to national standards and must be carried out in full compliance with them; so, for example, for the UK, British Standard BS 8203:2001 + A1:2009, for Germany, VOB/C + DIN 18365/DIN 18299, for France, NF P62-203-1-1; NF DTU 53.2 P1-1. In all circumstances the generally recognised rules of the trade and the state of the art apply.

You can be certain that **DB LOC** is subject to a careful quality control regime that ensures high quality standards at all times. However, if the material is found to be defective, you must inform EarthWerks® of any issues before the cutting and installing of DB LOC. No visual defects (for example differences in thickness or visual imperfections on the surface) will be accepted after installation.

SUBSTRATE PREPARATION: The substrate must be perfectly even, solid, without cracks, dry, and clean. Cement and calcium sulphate screeds must be sanded and then vacuumed. Substrates with a weak surface must be removed. Depending on the flooring type, the residual humidity must be within the range of the local normal regulations, and respectively comply with generally recognised codes of practice. The substrate must be tested according to applicable standards for deficiencies that might affect performance, for example: excess moisture, and these thoroughly reported and assessed for remedial action. The substrate must also be thoroughly vacuumed, and the surface primed and smoothed if necessary. Use only suitable primers and smoothing compounds that are dependent on the substrate and / or the application range.

DB LOC can be laid on existing, firmly bonded substrates. In this case, check thoroughly that the existing flooring is dust-free, free of cracks and sufficiently pressure-resistant to maintain the correct and required adhesion for overlay. Never install DB LOC on a loose or partially-dissolved floor.

Following 'existing floors' are suitable: Homogenous PVC and Design floors, Linoleum, Rubber and Ceramic tiles (provided the flooring can be installed on ceramic tiles).

DB LOC can also be installed on the top of a floating system, such as laminate flooring, LVT click or wood parquet. Be sure to thoroughly check the stability of the floor before laying DB LOC and always correct any imperfections that could lead to surface telegraphing. The floor should also be clean and free of cracks as previously indicated. While laying it must be ensured that the running joints of the insulating underlay do not coincide with the running joints of the click flooring, and with a minimum of 20cm variance.

Please 'always' read and follow the installation instructions of the selected flooring before commencing works.

It is the installer's responsibility to ensure that the correct materials are used in the correct conditions.

Earthwerks SPC, LVT is not suitable for outdoor-installation or for areas that are without climate control.

Laying Instructions: Firstly, the laying direction of your click flooring for floating installation has to be planned. **DB LOC** is then laid at variance to the installation direction. **DB LOC** is loosely placed on the floor; the cut pieces are then abutted to one another and should be secured against slippage by means of a proprietary adhesive tape.

OUR TOP TIP: We recommend fixing the head ends of **DB LOC** at the beginning with some weight, for example: some of the click flooring to be installed can be loosely placed on top to ensure the underlay cannot move. Cuts are simply made with scissors or a suitable carpet-cutting knife, and you can then start installing the top layer according to the floor covering manufacturer's specifications.

Material:	Polyester fibre fleece
Thickness / Width / Roll length:	1.20 mm / 1 m / 10m
Weight:	Approx. 250 gms m ² (4 kg per roll)
Residual indentation properties:	≤0.13 mm - ISO EN 24343-1:2012
Compressive strength (CS value):	400 kPa after CEN / TS 16354 (class CS3)
Fire resistance:	Bfl S1 when installed with EarthWerks® SPC floor
Thermal resistance:	Approx. 0.039 m ² K/W
Impact sound reduction:	Up to 20 dB when installed with EarthWerks® SPC floor (According to EN ISO 10140-1)

Please note: The Bfl S1 certificate has been issued from the TFI research institute (Germany, 2018) in combination with EarthWerks® SPC flooring. All tests have been made according to EN norms. We refer to the valid norm EN ISO 10140-1 for the impact sound reduction. The results reflect the measure of the impact sound reduction of both EarthWerks® SPC flooring and the **DB LOC** underlayment when installed in combination. The information provided above is based on the current state of knowledge and the state of technical development. We do not claim this information to be exhaustive or complete. Technical changes are reserved at all times.

Occupational safety: No special measures are required

Disposal of waste: Il clippings are classified as construction waste

Contact UK: sales@earthwerks.co.uk | Free phone: 0800 689 1459

Contact Europe: saleseurope@earthwerks.com | Tel. +32 87 30 68 50 – Fax +32 87 32 3039