REDU-PANEL® is a high performance acoustic overlay flooring product with a Thermal transmission coefficient, K-Value of 3.70 W/m²K and C₂₅,₆₆ fire rating. At only 25 mm thickness the quick fit T&G panel (2400x600 mm), has an upper face of 18 mm P5 moisture-resistant chipboard bonded to a specially developed 7 mm soft fibreboard on the underside, which provides isolation from existing timber or concrete floor structures. The surface of REDU-PANEL® is exceptionally hardwearing and stable.

REDU-PANEL® is ideal for building up existing floor levels and is designed to damp vibration and attenuate airborne and impact noise passing through the floors. Tested in accordance with EN-ISO 10140-3:2010 REDU-PANEL® exceeded R.S.D. requirements of 17 dB ΔLₜₖ unloaded, giving a reduction of 19 dB ΔLₜₖ on an unloaded floor, 18 dB ΔLₜₖ with 23 kg per m² floor loading and 18 dB ΔLₜₖ with a loaded laminate floor. Note: R.S.D. requirements are that ceiling construction should comply with any of types CT1-4. REDU-PANEL® is suitable for use as an overlay product on new and existing timber and concrete floors. The high quality finish of the moisture-resistant upper surface makes REDU-PANEL® ideal for use throughout the building, including kitchens and bathrooms. REDU-PANEL® is used extensively in the refurbishment and conversion of existing buildings into flats and apartments to upgrade the separating floor, and in new build projects over concrete floors to comply with Building Regulations Part “E” 2003.

REDU-PANEL® improves impact sound reduction by 19 dB ΔLₜₖ provided it has been fitted according to the instructions.

REDU-PANEL®: your answer to meeting sound reduction Doc “E” requirements in the refurbishment and conversion of existing buildings
**Product specifications**

### Technical data
- **Article number REDU-PANEL®**: 128.000
- **Article number Unifloor side strips**: 140.000
- **Article number Unifloor PE foil, 200 μm**: 138.500
- **Article number Unifloor alu-tape**: 139.000
- **Panel size incl. T&G / Tolerance (mm / m²)**: 2410 x 610 / ± 1,0
- **Panel size net. / Tolerance (mm / m²)**: 2400 x 600 / ± 1,0
- **Thickness / Tolerance (mm)**: 25 / ± 1,0
- **Weight per panel (kg)**: 21,9
- **Weight per m² (kg)**: 15,2
- **Tolerance T&G connection (mm)**: ± 0,5
- **Raw Material(s) combinations:**
  - Top board - 18 mm PS, V313 chip board: 745
  - Under board - 7 mm soft board: 230
- **Impac-sound insulation (according to EN-ISO 10140-3:2010)**:
  - Test standard concrete floor unloaded: 19 dB $\Delta L_{w}$
  - Test standard concrete floor weighted: 18 dB $\Delta L_{w}$
  - Test standard wooden separation floor:
    - $L_{n,w}$ (CI): 56 (1) dB / $R_{w}(C;Ctr)$: 58 (-1;-7) dB
- **Fire Class, EN 13501: 2007**: Cfl-s1
- **Colour**: Green
- **Humidity (%)**: 6 - 10
- **Thermal transmission coefficient, K-Value**: 3,70 W/m²°C
- **Rw Value (m².K/W)**: 0,287
- **TOG**: 2,8

### Packaging
- **Installation instructions**: Included
- **Package contents**: 1,44 m² per panel
- **Pallet contents**: 42 panels / 60,48 m²
- **Pallet size (lxbxh mm)**: 2400 x 600 x 1200
- **Pallet weight**: 930 kg

### Application
- **Contactgeluid reducerend vloerpaneel voor op houten draagvloerconstructies.**

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**Pallet contents**

- **42 panels**
- **2400 x 600 mm**
- **60,48 m²**

**Thickness 25 mm**

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Scan the QR-Code for the installation manual REDU-PANEL®!