



ResoDeck28 PRO

Product Information & Technical Data Sheet

Resonate's ResoDeck28 PRO is a high performance acoustic flooring solution and is laid as a floating floor on top of the timber or concrete sub-floor, before the final floor coverings (carpet, laminate etc) are installed.

The panels are 1200mm x 600mm, half the size of standard chipboard sheets. This makes them easier to deliver and to install on upper floors of any property.

Easy Install Soundproofing

The 28mm thick ResoDeck28 PRO panels have minimal impact on floor height. The 18mm P5 chipboard top layer is technically bonded to 10mm ResoFleece, a high performance fibre resilient layer.

The ResoFleece resilient layer provides superior impact sound reduction, making it ideal for residential properties that require excellent reduction of foot fall noise. The tongue and groove edge detail allows for fast and simple installation, perfectly suited for refurbishment applications.

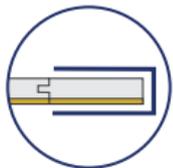
Key Benefits



**Excellent
impact sound
reduction**



**Easy to install
1200 x 600 mm
board, tongue and
groove edge**

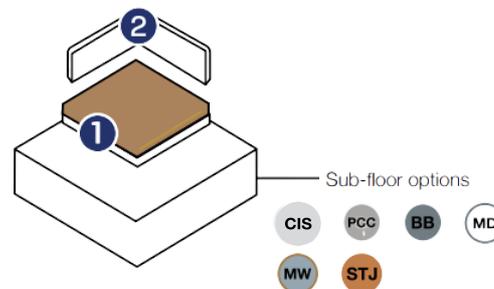


**Low profile
solution, low
impact on floor
height**



System Details

1. Resonate ResoDeck floor panel
2. ResoEdge flanking strip



Dimensions

Panel Dimensions

600 mm (W)
1200 mm (L)
28 mm (H)

Panel Weight

13.7 kg/m²
9.8 kg Per Panel

Panels Per Pallet
70 Panels (50.4 m²)

Panel m²
0.72 m² Per Panel

Pallet Dimensions

1200 mm (W)
1200 mm (L)
1100 mm (H)

Pallet Weight
720 kg

Robust Detail Compliant

E-FC-1 (FFT 5)

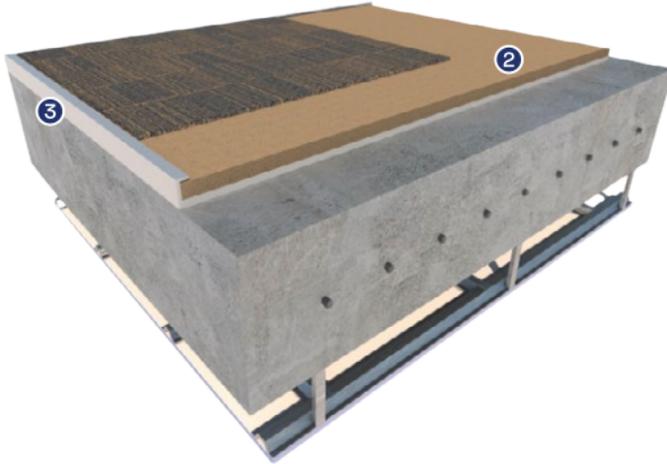
E-FC-2 (FFT 5)

E-FS-1 (FFT 5)



Product Applications

Concrete In-situ Floor **CIS**

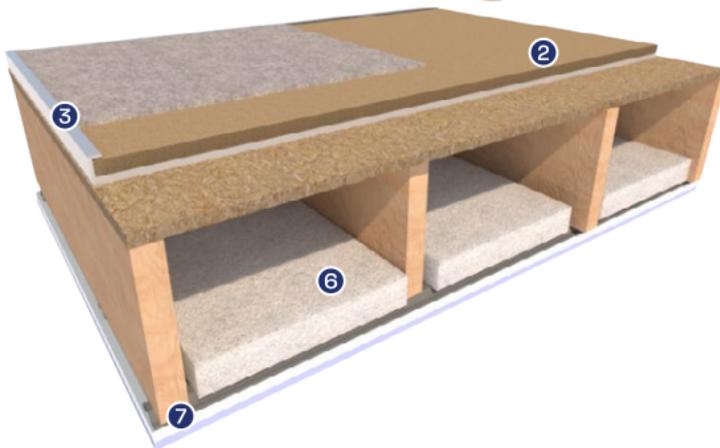


1. Carpet and underlay
2. Resonate ResoDeck28 PRO
3. ResoEdge L30 flanking strip
4. 200mm Reinforced insitu concrete slab
5. MF Ceiling (min 100mm void)
6. 1 x 9.5mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	51 dB
Impact Sound Performance LnT,W	49 dB
Impact Noise Improvement ΔLw	21 dB



Solid Timber Joisted Floor **STJ**



1. Carpet and underlay
2. Resonate ResoDeck28 PRO
3. ResoEdge L30 flanking strip
4. 18mm (min) timber sub floor
5. 200 (min) timber floor joists
6. Resoquilt 50mm soundproofing wool
7. 16mm ResoBar resilient bars
8. 2 x 15mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	50 dB
Impact Sound Performance LnT,W	55 dB



Steel Joisted Floor **SJ**



1. Engineered timber flooring
2. Self-levelling and adhesive layers
3. Resonate ResoDeck28 PRO
4. ResoEdge L30 flanking strip
5. 18mm (min) timber sub floor
6. 225mm (min) steel floor joists
7. 100mm 45kg/m³ mineral wool
8. 16mm ResoBar resilient bars
9. 2 x 15mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	49 dB
Impact Sound Performance LnT,W	55 dB

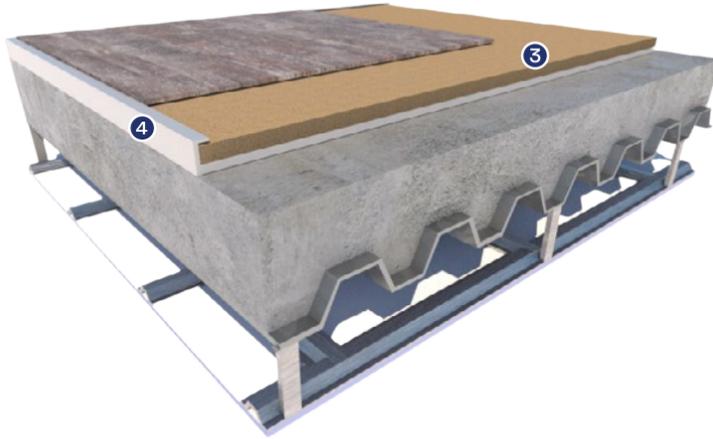


Performance figures shown are for indicative purposes only. For technical advice specific to your project please contact Resonate Systems technical team.



Product Applications

Profiled Metal Deck Floor MD



1. Laminate Flooring
2. Adhesive or decoupling layer
3. Resonate ResoDeck28 PRO
4. ResoEdge L30 flanking strip
5. 130mm concrete on profiled metal deck
6. MF Ceiling (min 100mm void)
7. 1 x 9.5mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	51 dB
Impact Sound Performance LnT,W	dB

