

ResoDeck32 PRO



Product Information & Technical Data Sheet

Resonate's ResoDeck32 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 32mm thick ResoDeck32 PRO panels have minimal impact on floor height. The 22mm 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.

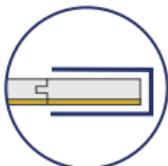
Key Benefits



Excellent impact sound reduction



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

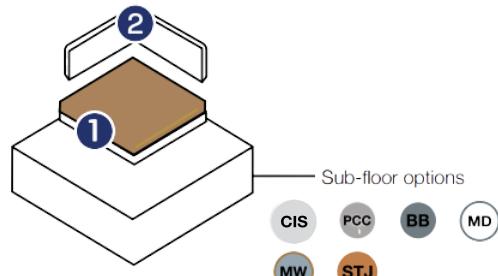


Low profile solution, low impact on floor height



System Details

1. Resonate ResoDeck floor panel
2. ResoEdge flanking strip



Dimensions

Panel Dimensions	Panel Weight
600 mm (W)	16 kg/m ²
1200 mm (L)	11.5 kg Per Panel
32 mm (H)	

Panels Per Pallet	Panel m²
70 Panels (50.4 m ²)	0.72 m ² Per Panel

Pallet Dimensions	Pallet Weight
1200 mm (W)	820 kg
1200 mm (L)	
1250 mm (H)	

Robust Detail Compliant

E-FC-1 (FFT 5)

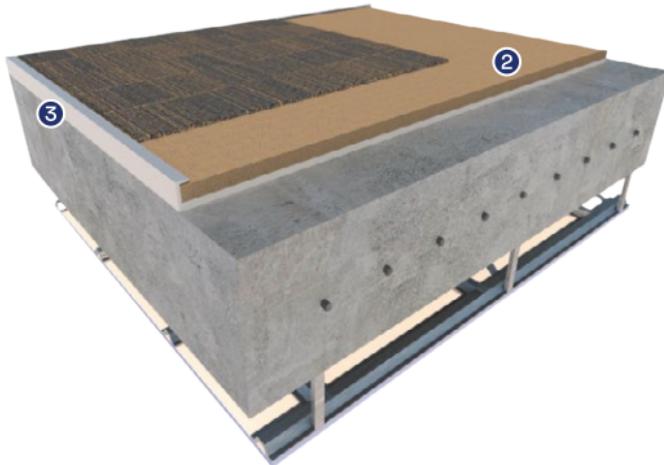
E-FC-2 (FFT 5)

E-FS-1 (FFT 5)



Product Applications

Concrete In-situ Floor CIS

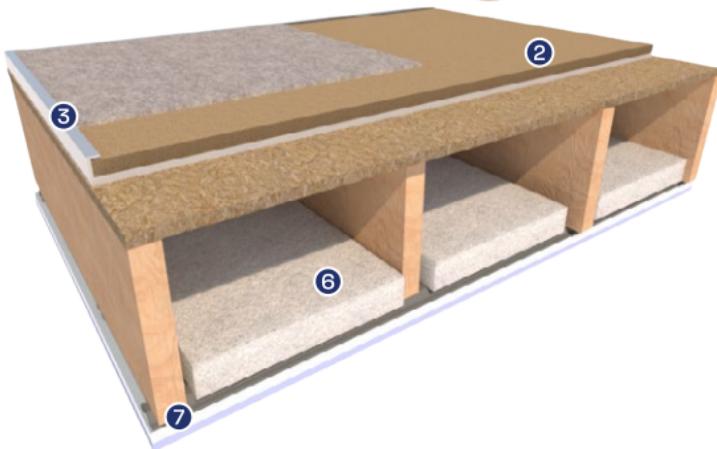


1. Carpet and underlay
2. Resonate ResoDeck32 PRO
3. ResoEdge L30 flanking strip
4. 200mm Reinforced insitu concrete slab
5. MF Ceiling (min 100mm void)
6. 1 x 9.5mm acoustic plasterboard

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 ResoDeck32 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 ResoDeck32 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

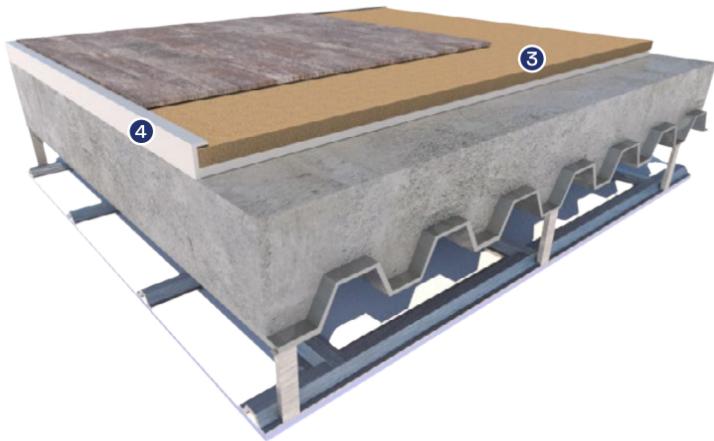




Product Applications

Profiled Metal Deck Floor

MD



1. Laminate Flooring
2. Adhesive or decoupling layer
3. Resonate ResoDeck32 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

