



# ResoDeck 28PRO

## Product Information & Technical Data Sheet

Resonate's **ResoDeck 28PRO** is a high performance acoustic flooring solution suitable for use on timber and concrete separating floors. The composite acoustic overlay panel 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.

### Easy Install Soundproofing

The 28mm thick **ResoDeck 28PRO** panels have minimal impact on floor height. The 18mm (22mm option available) 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.

The P5 chipboard used to manufacture these panels is FSC® certified (FSC-C221537).



The mark of  
responsible forestry  
FSC® C221537

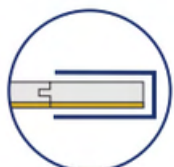
### Key Benefits



**Excellent  
impact sound  
reduction**



**Easy to install  
tongue and groove  
edge**

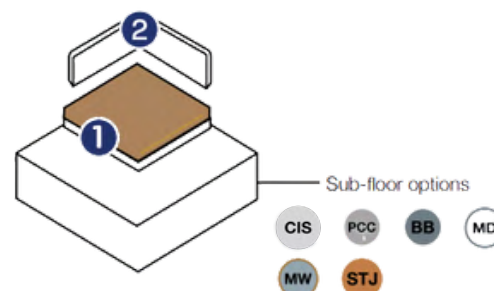


**Low profile  
solution, low  
impact on floor  
height**



### System Details

1. Resonate **ResoDeck** floor panel
2. **ResoEdge** flanking strip



### Dimensions

<b>Panel Dimensions</b> 600mm (W) 2400mm (L) 28mm (H)	<b>Panel Weight</b> 13.7 kg/m <sup>2</sup> 19.7 kg Per Panel
<b>Panels Per Pallet</b> 70 Panels (100.8 m <sup>2</sup> )	<b>Panel m<sup>2</sup></b> 1.44 m <sup>2</sup> Per Panel
<b>Pallet Dimensions</b> 2400 mm (W) 1200 mm (L) 1100 mm (H)	<b>Pallet Weight</b> 1440 kg

### Robust Detail Compliant

E-FC-1 (FFT 5)

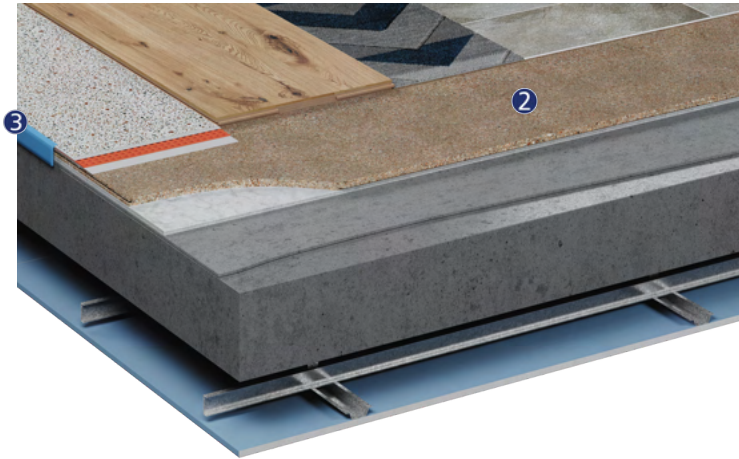
E-FC-2 (FFT 5)

E-FS-1 (FFT 5)



# Product Applications

## Concrete In-situ Floor **CIS**

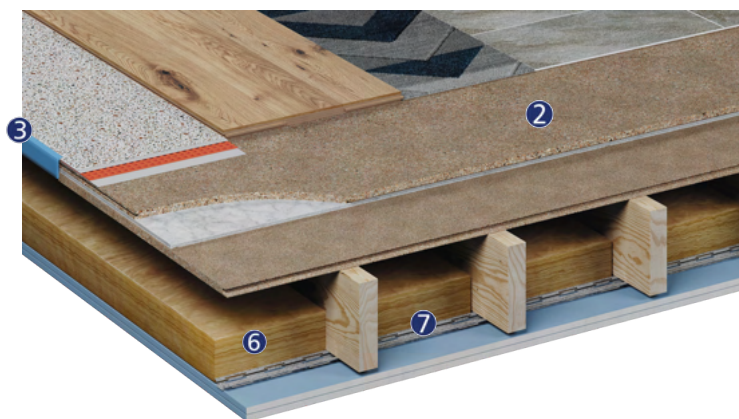


1. Ceramic Tiles / Timber flooring / Carpet / Vinyl
2. Resonate **ResoDeck 28PRO**
3. **ResoEdge L30** flanking strip
4. Levelling compound to achieve SR2 flatness
5. 200mm Reinforced insitu concrete slab
6. MF Ceiling (min 100mm void)
7. 1 x 9.5mm acoustic plasterboard

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



## Solid Timber Joisted Floor **STJ**

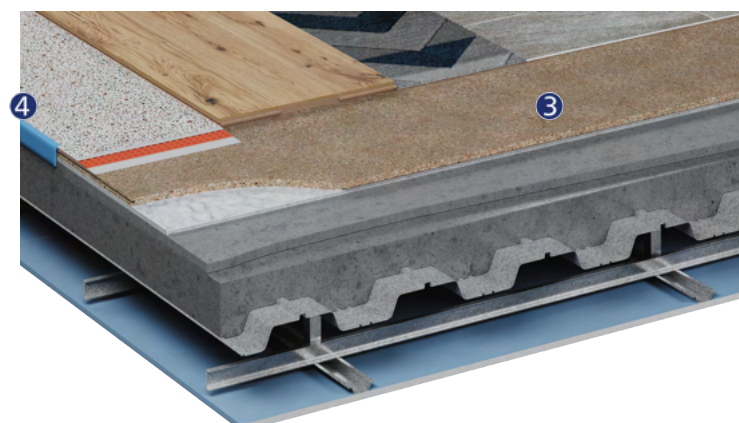


1. Ceramic Tiles / Timber flooring / Carpet / Vinyl
2. Resonate **ResoDeck 28PRO**
3. **ResoEdge L30** flanking strip
4. 18mm (min) timber sub floor
5. 200 (min) timber floor joists
6. **ResoQuilt** 50mm soundproofing wool
7. 30mm **ResoBar** resilient bars
8. 2 x 15mm acoustic plasterboard

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



## Profiled Metal Deck Floor **MD**



1. Laminate Flooring
2. Adhesive or decoupling layer
3. Resonate **ResoDeck 28PRO**
4. **ResoEdge L30** flanking strip
5. Levelling compound to achieve SR2 flatness
6. 130mm concrete on profiled metal deck
7. MF Ceiling (min 100mm void)
8. 1 x 9.5mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	51 dB
Impact Sound Performance LnT,W	50 dB



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