

# ResoDeck DIRECT



## Product Information & Technical Data Sheet

Resonate's ResoDeck DIRECT is a high performance acoustic floor solution. ResoDeck DIRECT acts as a structural floor making it ideal for "direct to joist" installation in refurbishment applications.

### Direct to Joist Soundproofing

ResoDeck DIRECT panels are only 37mm thick and remove the need for a timber sub floor to be laid on the floor joists, keeping finished floor height to a minimum.

The 22mm P5 chipboard top layer is technically bonded to two high performance layers below; a 10mm resilient wood fibre board layer, and 5mm ResoFleece polyester fibre equalisation layer.

ResoDeck DIRECT panels can eliminate the substantial cost of installing new subfloors, is time saving to install and provides excellent noise reduction benefits for occupants.

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



The mark of  
responsible forestry  
FSC® C221537

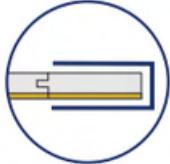
### Key Benefits



Excellent impact sound reduction for structural floors



Easy to install tongue and groove edge



Low impact on overall floor height, at only 37mm high

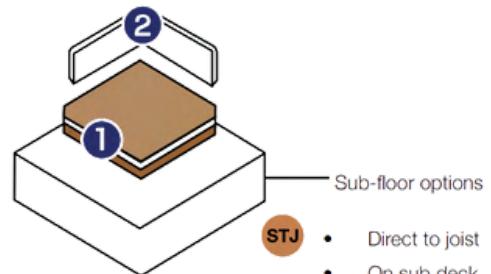


High density resilient layers



### System Details

1. Resonate ResoDeck DIRECT floor panel
2. ResoEdge L30 flanking strip



### Dimensions

|                  |                      |
|------------------|----------------------|
| Panel Dimensions | Panel Weight         |
| 600mm (W)        | 17 kg/m <sup>2</sup> |
| 2400mm (L)       | 24.5 kg Per Panel    |
| 37mm (H)         |                      |

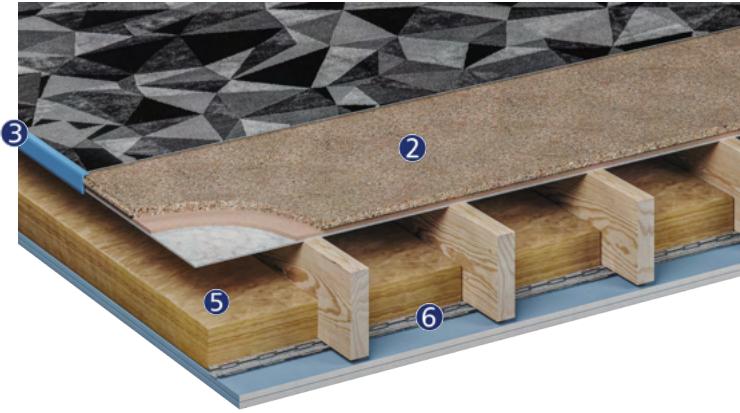
|                               |                               |
|-------------------------------|-------------------------------|
| Panels Per Pallet             | Panel m <sup>2</sup>          |
| 50 Panels (72m <sup>2</sup> ) | 1.44 m <sup>2</sup> Per Panel |

|                   |               |
|-------------------|---------------|
| Pallet Dimensions | Pallet Weight |
| 2400 mm (W)       | 1250 kg       |
| 1200 mm (L)       |               |
| 1100 mm (H)       |               |



## Product Applications

### Solid Timber Joisted Floor STJ Direct to Joist



1. Carpet / Floor finish
2. Resonate ResoDeck DIRECT
3. ResoEdge L30 flanking strip
4. 225 (min) timber floor joists
5. ResoQuilt 50mm soundproofing quilt
6. 30mm ResoBar resilient bars
7. 2 x 15mm acoustic plasterboard

|   |       |
|---|-------|
| Airborne Sound<br>Performance DnT,w + Ctr | 51 dB |
| Impact Sound<br>Performance LnT,W         | 54 dB |

