

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

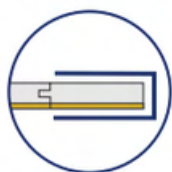
Key Benefits



**Excellent
impact sound
reduction for
structural floors**



**Easy to install
tongue and groove
edge**



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

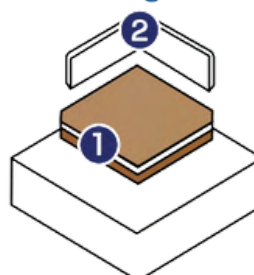


**High density
resilient layers**



System Details

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



Sub-floor options

STJ

- Direct to joist
- On sub deck

Dimensions

Panel Dimensions

600mm (W)
2400mm (L)
37mm (H)

Panel Weight

17 kg/m²
24.5 kg Per Panel

Panels Per Pallet

50 Panels (72m²)

Panel m²

1.44 m² Per Panel

Pallet Dimensions

2400 mm (W)
1200 mm (L)
1100 mm (H)

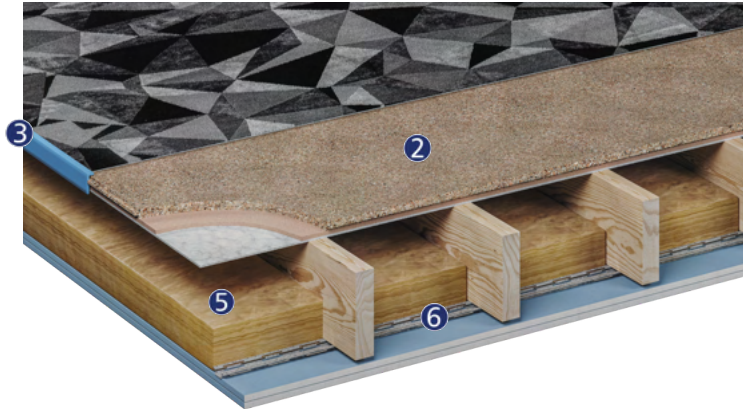
Pallet Weight

1250 kg



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 Performance DnT,w + Ctr	51 dB
Impact Sound Performance LnT,W	54 dB

