



GYPDECK WF

Product Information & Technical Data Sheet

Resonate **GYPDECK WF** is a high density, dry screed acoustic panel for floors. The panels incorporate a 10mm high compressive strength wood fibre (WF) resilient layer.

The panels are installed directly below the floor finishes, offering excellent airborne and impact sound reduction. The high compressive strength resilient layer is ideal for areas subjected to high levels of foot traffic and point loadings, making the product ideal for student accommodation, care homes and commercial properties.

Dry Screed, Time Saving Solution

The dry screed panel require no wet trades to install, significantly reducing build times.

The 28mm **GYPDECK WF** panels also significantly reduce floor height compared to 40-50mm wet screed flooring systems

- 18mm top layer consists of an ultra high density gypsum fibre panel
- 10mm bottom layer is a high compressive strength wood fibre resilient layer

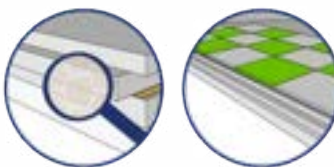
Key Benefits



Excellent impact and airborne sound reduction



No screws, tongue and groove edge, high compressive strength



High density boards accept ceramic and porcelain floors directly without a decoupling mat

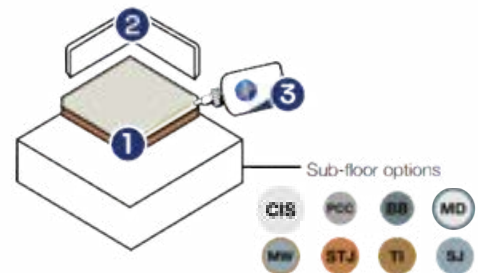


Dry system reduces build times. Does not burn when exposed to fire (non-combustible - A1 fire rating)



System Components

1. Resonate **GYPDECK WF** floor panel
2. **ResoEdge** flanking strip
3. Resonate **GYPDECK Adhesive**



Dimensions

Panel Dimensions

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

Pallet Dimensions

1200mm (W)
1200mm (L)
1050mm (H)

Panel m²

0.72m² per panel

Pallet Weight

1060kg

Panels Per Pallet

66 panels / 47.5m²

Density

1200 kg/m³

Panel Weight

22.6 kg/m²
16 kg Per Panel

Robust Detail Compliant

E-FC-1 (FFT 4)

E-FC-2 (FFT 4)

E-FS-1 (FFT 4)



Product Applications and Typical Acoustic Performances

Concrete In-situ Floor CIS



1. Ceramic Tiles / Timber flooring / Carpet / Vinyl
2. Electric UFH cables set in tile adhesive
3. Resonate **GYPDECK WF**
4. **ResoEdge L30** flanking strip
5. 200mm Reinforced insitu concrete slab
6. Levelling compound to achieve SR2 flatness
7. MF Ceiling (min 100mm void)
8. 1 x 9.5mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	51dB
Impact Sound Performance LnT,W	50dB
Impact Noise Improvement ΔLw	19dB



Metal Web Timber Joisted Floor MW

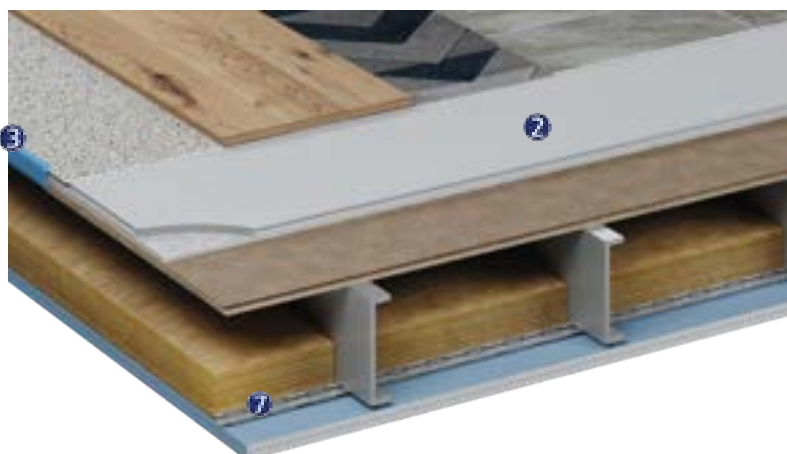


1. Ceramic Tiles / Timber flooring / Carpet / Vinyl
2. Resonate **GYPDECK WF**
3. Resonate **ResoEdge L30** flanking strip
4. 225mm (min) metal web timber joist
5. 100mm 45kg/m³ mineral wool
6. 30mm **ResoBar** resilient bars
7. 2 x 15mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	50dB
Impact Sound Performance LnT,W	59dB



Steel Joisted Floor SJ



1. Ceramic Tiles / Timber flooring / Carpet / Vinyl
2. Resonate **GYPDECK WF**
3. **ResoEdge L30** flanking strip
4. 18mm (min) timber sub floor
5. 225mm (min) steel floor joists
6. 100mm 45kg/m³ mineral wool
7. 30mm **ResoBar** resilient bars
10. 2 x 15mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	53dB
Impact Sound Performance LnT,W	58dB





Product Applications and Typical Acoustic Performances

Profiled Metal Deck Floor MD



1. Ceramic Tiles / Timber flooring / Carpet / Vinyl
2. Adhesive or decoupling layer
3. Resonate **GYPDECK WF**
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	52dB
Impact Sound Performance LnT,W	50dB



Timber I-Joisted Floor TI



1. Ceramic Tiles / Timber flooring / Carpet / Vinyl
2. Resonate **GYPDECK WF**
3. **ResoEdge L30** flanking strip
4. 225mm (min) I-beam timber joist
5. 100mm 45kg/m³ mineral wool
6. 30mm **ResoBar** resilient bars
7. 2 x 15mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	50dB
Impact Sound Performance LnT,W	59dB

