



# ResoMat 15

## Product Information & Technical Data Sheet

Resonate ResoMat 15 is a heavy duty acoustic underlay which provides excellent sound reduction in both foot fall noise and airborne sounds such as talking and televisions from rooms above or below.

The 15mm thick ResoMat 15 have minimal impact on the floor build up, making them ideal for rooms with minimal height.

The mats are easy to cut to size using a sharp knife and can be loose laid over the existing floor boards.

ResoMat 15 consists of a high performance cross linked foam resilient layer which is sandwiched between two layers of 7.5 kg/m<sup>2</sup> mass loaded vinyl. This combination delivers excellent impact and airborne sound performance.

### Key Benefits



**Excellent impact sound reduction**



**Thin space saving solution only 15mm**



**High point load capacity**

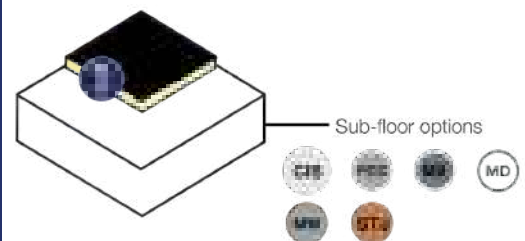


**Strong and robust soundproofing material**



### System Components

1. Resonate ResoMat 15 floor panel



### Dimensions

#### Panel Dimensions

1200mm (W)  
1200mm (L)  
15mm (H)

#### Panel m<sup>2</sup>

1.44 m<sup>2</sup> per panel

#### Panels Per Pallet

40 panels / 57.6m<sup>2</sup>

#### Pallet Weight

15.5 kg/m<sup>2</sup>  
22.5 kg per sheet

#### Pallet Dimensions

1200 mm (W)  
1200mm (L)  
750mm (H)

#### Pallet Weight

900 kg

# ResoMat 15



## Product Applications and Typical Acoustic Performances

### Solid Timber Joisted Floor



1. Laminate Flooring
2. Resonate ResoMat 15
3. 18mm (min) timber sub floor
4. 225 (min) timber floor joists
5. ResoQuilt 50mm soundproofing wool
6. 30mm ResoBar resilient bars
7. 2 x 15mm acoustic plasterboard

Airborne Sound Performance $D_{nT,w} + C_{tr}$	52dB
Impact Sound Performance $L_{nT,W}$	44dB



### Metal Web Timber Joisted Floor



1. Laminate Flooring
2. Adhesive or decoupling layer
3. Resonate ResoMat 15
4. 225mm (min) metal web timber joist
5. 100mm 45kg/m<sup>3</sup> mineral wool
6. 30mm ResoBar resilient bars
7. 2 x 15mm acoustic plasterboard

Airborne Sound Performance $D_{nT,w} + C_{tr}$	54dB
Impact Sound Performance $L_{nT,W}$	40dB

