



# ResoMat 8

## Product Information & Technical Data Sheet

Resonate ResoMat 8 is a heavy duty acoustic underlay which provides excellent sound reduction from foot fall noise and also helps to reduce airborne sounds such as talking and televisions from rooms above or below.

Being only 12mm thick, ResoMat 8 has minimal impact on the floor build up and is ideal when replacing existing carpet underlay. The mats are easy to cut to size using a sharp knife and can be loose laid over the existing floor boards.

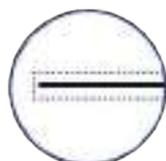
ResoMat 8 consists of a high performance cross linked foam resilient layer, which is bonded to a sheet of 7.5 kg/m<sup>2</sup> mass loaded vinyl.

For optimum performance lay the mats foam side up when laying a 'soft floor' covering such as carpet, and foam side down if a 'hard floor' finish such as wooden / laminate are to be installed.

### Key Benefits



✓ **Excellent impact sound reduction**



✓ **Thin space saving solution only 12mm**



✓ **High point load capacity**

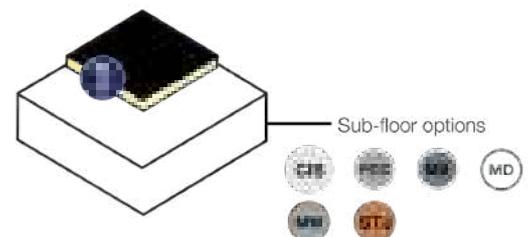


✓ **Strong and robust soundproofing material**



### System Components

1. Resonate ResoMat 8 floor panel



### Dimensions

#### Panel Dimensions

1200mm (W)  
1200mm (L)  
12mm (H)

#### Panel m2

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

#### Panels Per Pallet

75 panels / 108 m<sup>2</sup>

#### Pallet Weight

8kg/m<sup>2</sup>  
11.5 kg per sheet

#### Pallet Dimensions

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

#### Pallet Weight

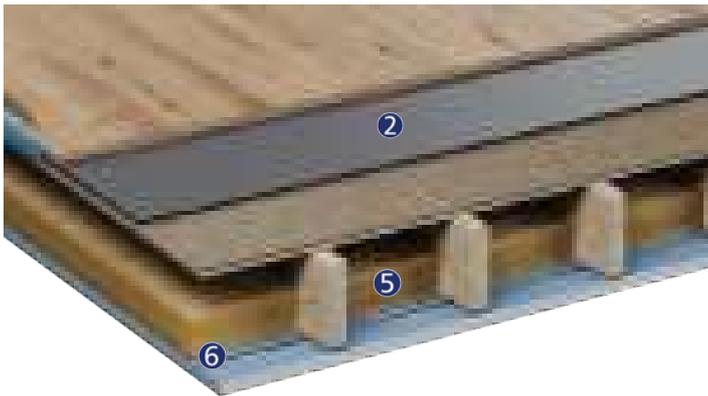
900 kg

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## Product Applications and Typical Acoustic Performances

### Solid Timber Joisted Floor



1. Laminate flooring
2. Resonate ResoMat 8
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 DnT,w + Ctr	47dB
Impact Sound Performance LnT,W	46dB



### Metal Web Timber Joisted Floor



1. Laminate Flooring
2. Adhesive or decoupling layer
3. Resonate ResoMat 8
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 DnT,w + Ctr	52dB
Impact Sound Performance LnT,W	42dB

