



# ResoRubber *Base*

## Product Information & Technical Data Sheet

Resonate's **ResoRubber *Base*** are a range of thin and robust resilient layers, primarily used in under screed applications to acoustically isolate the screed from the sub-floor and flanking walls.

### Recycled, under screed noise barrier

Available in 3, 5, 6, 8 and 10mm thickness' the soundproofing solution is manufactured from recycled rubber granules bonded with cold cure PUR.

### Installation Options

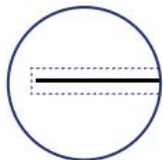
**ResoRubber *Base*** is an under screed solution, laid directly over the sub floor. **ResoRubber *Edge*** is laid around the perimeter of each room and either 40mm flowing screed or 65mm sand cement screed laid on top.

**ResoRubber *Edge*** is designed to isolate the screed and prevent flanking transition around the floor perimeter, reducing the risk of Part E sound test failure. The rolls feature five perforated slits towards the top of the roll and 1 slit 50mm from the base of the roll.

### Key Benefits



**Excellent  
impact sound  
reduction**



**Thin space saving  
solution**



**High point load  
capacity**

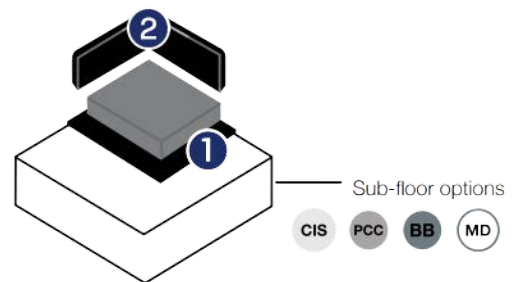


**Strong and robust  
soundproofing  
material**



### System Details

1. Resonate **ResoRubber *Base***
2. **ResoRubber *Edge***



### Dimensions

<b>Roll Thickness</b>	3mm	5mm
<b>Roll Dimensions</b>	1.0m (W) 15m (L)	1.0m (W) 10m (L)
<b>m² per roll</b>	15m²	10m²
<b>Rolls Per Pallet</b>	16 Rolls/ 240m²	16 Rolls/ 160m²
<b>Material Density</b>	750 kg/m³	750 kg/m³
<b>Weight Per Roll</b>	2.25 kg/m² 33.75 kg/roll	3.75 kg/m² 37.50 kg/roll
<b>Pallet Dimensions</b>	1200mm (W) 1000mm (L) 700mm (H)	1200mm (W) 1000mm (L) 700mm (H)
<b>Pallet Weight</b>	540 kg	600 kg
<b>ResoRubber <i>Edge</i></b>	8mm x 200mm x 50m	



# Product Applications

## Concrete In-situ Floor CIS

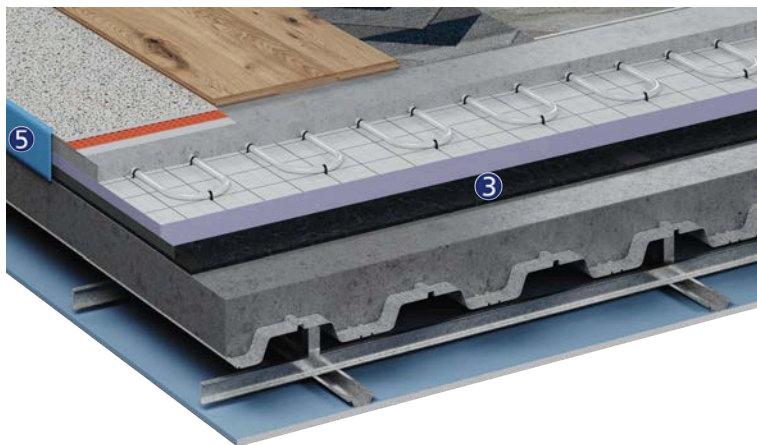


1. Ceramic Tiles / Timber flooring / Carpet / Vinyl
2. Insulation / UFH pipes / screed
3. Resonate **ResoRubber Base**
4. 200mm Reinforced in-situ concrete slab
5. **ResoRubber Edge**
6. MF Ceiling (min 100mm void)
7. 1 x 9.5mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	52dB	
ResoRubber Thickness	3mm	5mm
Impact Sound Performance LnT,W	52dB	50dB
Impact Noise Improvement $\Delta L_w$	18dB	20dB



## Profiled Metal Deck Floor MD



1. Ceramic Tiles / Timber flooring / Carpet / Vinyl
2. Insulation / UFH pipes / screed
3. Resonate **ResoRubber Base**
4. 130mm concrete on profiled metal deck
5. **ResoRubber Edge**
6. MF ceiling (min 100mm void)
7. 1 x 9.5mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	54dB	
ResoRubber Thickness	3mm	5mm
Impact Sound Performance LnT,W	50dB	48dB



## Pre-Cast Concrete Floor PCC



1. Ceramic Tiles / Timber flooring / Carpet / Vinyl
2. Insulation / UFH pipes / screed
3. Resonate **ResoRubber Base**
4. 150mm Pre - cast concrete slab
5. **ResoRubber Edge**
6. MF ceiling (min 100mm void)
7. 1 x 9.5mm acoustic plasterboard

Airborne Sound Performance DnT,w + Ctr	51dB	
ResoRubber Thickness	3mm	5mm
Impact Sound Performance LnT,W	57dB	55dB
Impact Noise Improvement $\Delta L_w$	18dB	20dB

