



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

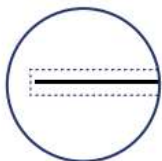
ResoRubber Base is an under screed solution, laid directly over the sub floor. **ResoRubber Edge** is laid around the perimeter of each room and either 40mm flowing screed or 65mm sand cement screed laid on top.

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

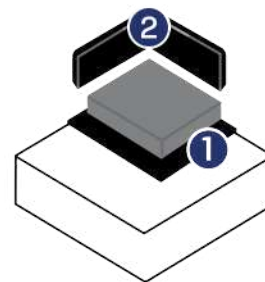


Strong and robust soundproofing material



System Details

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



Sub-floor options



Dimensions

Roll Thickness	3mm	5mm
Roll Dimensions	1.0m (W) 15m (L)	1.0m (W) 10m (L)
m² per roll	15m ²	10m ²
Rolls Per Pallet	16 Rolls/ 240m ²	16 Rolls/ 160m ²
Material Density	750 kg/m ³	750 kg/m ³
Weight Per Roll	2.25 kg/m ² 33.75 kg/roll	3.75 kg/m ² 37.50 kg/roll
Pallet Dimensions	1200mm (W) 1000mm (L) 700mm (H)	1200mm (W) 1000mm (L) 700mm (H)
Pallet Weight	540 kg	600 kg
ResoRubber Edge	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 insitu 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 ΔLw	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 ΔLw	18dB	20dB

