

Technical Data 4515 Eco

Properties	Unit	Value
Density	kg/m ³	470
Tensile Strength, (DIN 53571)	N/mm ²	0.6
Elongation at break, (DIN 53571)	%	18
Temperature Resistance	°C	-40 to +110
Thermal Conductivity	W/m k	0.085
Thermal Resistance, (DIN 52612)	m ² k/W	3mm 1/r = 0.025 5mm 1/r = 0.041
Impact Sound Reduction (measured in accordance with BS EN ISO 140-8:1998)	dB	± 17

Technical Data 4515 Multi

Properties	Unit	Value
Density	kg/m ³	420
Tensile Strength, (DIN 53571)	N/mm ²	0.7
Elongation at break, (DIN 53571)	%	25
Temperature Resistance Tog	m ² k/W	3mm = mean 0.39 4.5mm = mean 0.54
Temperature Resistance (BS 4745:2005 two-plate)	m ² k/W	3mm = mean 0.086 4.5mm = mean 0.089
Thermal Conductivity	W/m k	0.12
Thermal Resistance, (DIN 52612)	m ² k/W	3mm 1/r = 0.025 5mm 1/r = 0.041
Impact Sound Reduction (measured in accordance with BS EN ISO 140-8:1998)		
on its own	dB	18
beneath carpet	dB	34
beneath vinyl	dB	20
beneath flotex	dB	22
beneath marmoleum	dB	18
beneath laminate	dB	18
Extra beneath ceramic tiles	dB	19

The information given above may vary and is partly based on information from our suppliers. It represents the prevailing level of expertise and is not binding in a legal sense. The compliance of legal requirements lies within the customers own responsibility.

4515 Eco Available in

Code	RP4515E3
Size	1.15m x 20m (23m ²)
Thickness	3mm

Code	RP4515E45
Size	1.15m x 12m (13.8m ²)
Thickness	4.5mm

4515 Multi Available in

Code	RP4515M3
Size	1m x 20m (20m ²)
Thickness	3mm

Code	RP4515M45
Size	1m x 18m (18m ²)
Thickness	4.5mm

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Simply Better



Regupol®

Acoustic system which helps comply with Part E of Building Regulations

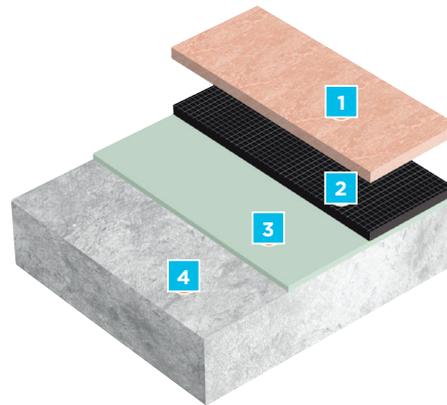


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Regupol 4515 is a multi purpose acoustic underlay system which helps comply with Part E of Building Regulations for Impact Sound Reduction. It can be used over most types of subfloor and with all types of floor finish.

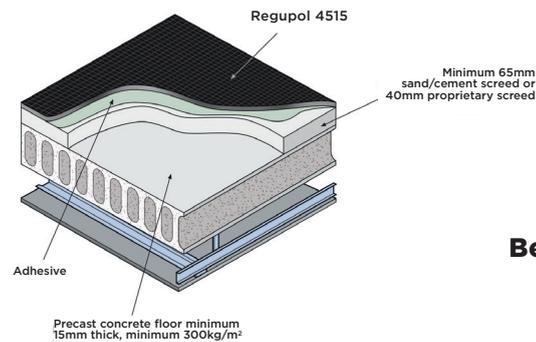
Floor build up

1. Floor covering
2. Regupol 4515
3. Regubond Adhesive (or other manufacturers' equivalents)
4. Concrete slab (self-levelling screed if needed)

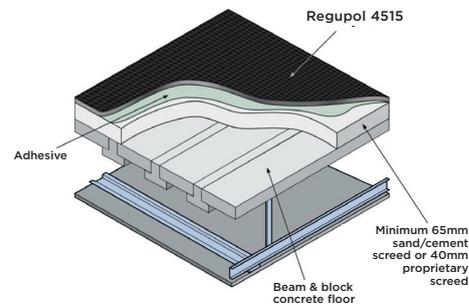


Suitable subfloors

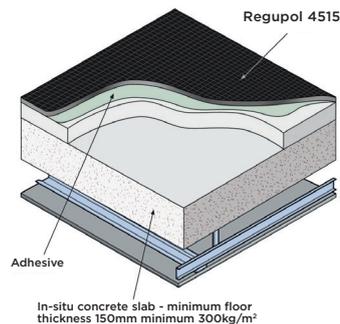
Precast Floor



Beam & Block Floor



In-situ Concrete Slab Floor



4515 Multi 3mm

4515 Multi 4.5mm

4515 Eco 3mm

4515 Eco 4.5mm

Recommended Use

Product	Type of Floor Finish			
	Carpet/ Carpet Tiles	Wood/ Laminate	Sheet Vinyl/ LVT	Ceramic Tiles
4515 Multi 3mm	■	■	■	■
4515 Multi 4.5mm	■	■	■	■
4515 Eco 3mm	■	■	■	■
4515 Eco 4.5mm	■	■	■	■

Important note: 4515 Eco may not be installed under light coloured floorcoverings, as discolouration can occur. For light coloured floorcoverings 4515 Multi must be used.