

TECHNICAL DATA

REGUPOL SONUS CURVE 6

formerly REGUPOL 6015 6/3mm



Product

A high performance acoustic underlay, designed to reduce the transmission of impact sound generated by footfall noise.

Material

A sustainable product made from post consumer end of life tyre bound with polyurethane. The dimpled profile is on the underside.

Weight

77 kg/roll - 25m² – 3 kg/m²

Dimensions

Roll Length: 20m Width: 1.25m (25m²)

Thickness: 6/3 mm

Applications

Use under bonded and unbonded screed beds as a complete system with stone, marble or tiles or selected floor coverings. Also suitable as a system under cement sheeting or plywood sheeting with selected floor coverings such as solid timber and approved engineered timber floors. **Note:** All applications should be checked for suitability with the selected floor finish, waterproof membranes, **REGUPOL** adhesives and accessories prior to use.

Certification

This environmentally preferable product has been independently certified as meeting the requirements of Good Environmental Choice Australia GECA 25-2011 v2.0i - Floor Coverings Standard. See www.geca.eco



Acoustical Performance*	Standard	Result	Comment
Under 14mm engineered timber:			
14mm engineered timber non-bonded, to REGUPOL sonus curve 6 , non-bonded to 150mm concrete slab	AS ISO 717.2-2004 ISO 140-8: 2006 (E) ISO 140-6-2006 ASTM E989-89	ΔL_w 17 dB $L_{n,w}$ 58 dB IIC 51	Test report RG113 – INR237-02-01
Under bonded screed + ceramic tile:			
8mm ceramic tile, to 30mm screed bed, to REGUPOL sonus curve 6 , bonded to 150mm concrete slab	AS ISO 717.2-2004 ISO 140-8: 2006 (E) ISO 140-6-2006 ASTM E989-89	ΔL_w 24 dB $L_{n,w}$ 52 dB IIC 57	Test report RG095 – INR216-04-01
Under 18mm solid timber:			
18mm solid strip timber, bonded to 18mm yellow tongue board, bonded, to REGUPOL sonus curve 6 , bonded to 170mm concrete slab	AS ISO 717.2-2004 ISO 140-8: 1997 ISO 140-6 ASTM E989-89	ΔL_w 23 dB $L_{n,w}$ 57 dB IIC 50	Test report RG018 – INR141 Sample Size only 1200x1200mm

*Assembly from top to bottom

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Material properties	Standard	Result
Specific weight		approx. 575 kg/m ³
Maximum traffic load		50 kN/m ²
Mean dynamic stiffness value	DIN EN 29052-1	$s'_t \leq 45 \text{ MN/m}^3$
Compressibility	DIN EN 12431	$c \leq 1 \text{ mm}$
Elongation at break	DIN EN ISO 1798	$\geq 30 \%$
Tensile strength	DIN EN ISO 1798	$\geq 0.3 \text{ N/mm}^2$

Thermal behaviour	Standard	Result
Thermal conductivity	DIN EN 12667	$\lambda = 0.12 \text{ W/(mK)}$
Thermal resistance	DIN EN 12667	$R = 0.025 \text{ (m}^2\text{K)/W}$
Temperature resistance		-20 to +60° C

Fire behaviour	Standard	Result
Fire hazard properties Critical Radiant flux of a floor System	AS ISO 9239.1.	Contact REGUPOL to check your system assembly requirements.

Specify with NATSPEC	Standard	Result
Product Partner branded work	0473 REGUPOL in acoustic floor underlays	Go to www.natspec.com.au to download.