

## 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 - 25m<sup>2</sup> – 3 kg/m<sup>2</sup>

#### Dimensions

Roll Length: 20m Width: 1.25m (25m<sup>2</sup>)

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](http://www.geca.eco)

Acoustical Performance*	Standard	Result	Comment
Under 14mm engineered timber:			
14mm engineered timber non-bonded, to <b>REGUPOL sonus curve 6</b> , non-bonded to 150mm concrete slab	AS ISO 717.2-2004 ISO 140-8: 2006 (E) ISO 140-6-2006 ASTM E989-89	$\Delta L_w$ 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 <b>REGUPOL sonus curve 6</b> , bonded to 150mm concrete slab	AS ISO 717.2-2004 ISO 140-8: 2006 (E) ISO 140-6-2006 ASTM E989-89	$\Delta L_w$ 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 <b>REGUPOL sonus curve 6</b> , bonded to 170mm concrete slab	AS ISO 717.2-2004 ISO 140-8: 1997 ISO 140-6 ASTM E989-89	$\Delta L_w$ 23 dB $L_{n,w}$ 57 dB IIC 50	Test report RG018 – INR141 Sample Size only 1200x1200mm

\*Assembly from top to bottom

# TECHNICAL DATA

## REGUPOL SONUS CURVE 6



Material properties	Standard	Result
Specific weight		approx. 575 kg/m <sup>3</sup>
Maximum traffic load		50 kN/m <sup>2</sup>
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 <a href="http://www.natspec.com.au">www.natspec.com.au</a> to download.