

TECHNICAL DATA

REGUPOL SONUS CURVE 17

formerly REGUPOL 6010 17/8mm



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

95 kg/roll – 12.5m² – 6.9 kg/m²

Dimensions

Roll Length: 10lm | Width: 1.25m (12.5 m²)

Thickness: 17/8 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 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 18mm solid timber:			
18mm solid strip timber, bonded to	AS ISO 717.2-2004	ΔL _w 27 dB	Test report
18mm yellow tongue board, bonded, to	ISO 140-8: 1997	L _{n,w} 53 dB	RG018 – INR141
REGUPOL sonus curve 17 , bonded to	ISO 140-6	IIC 55	Sample Size only
170mm concrete slab	ASTM E989-89		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	$s'_t \leq 15 \text{ MN/m}^3$
Compressibility	DIN EN 12431	$c \leq 2 \text{ mm}$
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	$\lambda = 0.075 \text{ W/(mK)}$
Thermal resistance	DIN EN 12667	$R = 0.156 \text{ (m}^2\text{K)/W}$
Temperature resistance		-20 to +60° C

Fire behavior	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.