



Unit 1, Nisbet Way
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Rubber Roll

TECHNICAL SPECIFICATION

Material compound:	recycled rubber granulate bonded with a cold cure PUR elastomer bonding agent
Granulate structure:	coarse
Application:	protective sheeting for membranes, insulation, sound dampening
Standard dimensions:	underlay: width up to 2.20m, length as requested sheets: width up to 2.20m, length as requested
Dimensional tolerance:	+/- 1.5% (according to DIN7715-2 class M4)
Material thickness:	5/6/8/10/12/15mm +/- 0.5mm (from 12mm +/- 1mm)
Test sample thickness:	10mm
Density:	730kg/m ³ +/-5% (according to EN ISO 845)
Color stability:	stable
Long term thermal stability:	-40°C...+80°C
Short term thermal stability:	up to +110°C
Fire classification:	Efl, E (according to EN 13501-1+A1:2010)
Hardness:	Shore 55 A (according to EN 53505)
Tensile strength:	0.46 N/mm ² (according to EN ISO 1798)
Elongation at break:	40% (according to EN ISO 1798)
Water vapor diffusion:	vapor permeable
Stress-strain characteristics in compression:	CC ₂₅ : 599kPa (according to EN ISO 3386-2) CC ₄₀ : 2073kPa (according to EN ISO 3386-2) CC ₅₀ : 5834kPa (according to EN ISO 3386-2)
Compression test at 10%:	0.24MPa (according to DIN 53421)
Modulus of elasticity:	2.75MPa
Determination of thermal conductivity:	$\lambda_z = 0.14$ W/m K (according to DIN 52612)
Chemical resistance:	resistant to weak acids and lyes conditionally resistant to oils

Technical specification may be subject to change.

Product components, that are recycled rubber and hardened binder, cause no harm to human health or the environment. Material used is 100% recyclable.

Registered Office: Unit 1, Nisbet Way, Ravenstruther, LANARK, SCOTLAND. ML11 7SF.
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