

## Technical Information

### Silent Eco

ID no. 411 487

**HARO**  
Quality Flooring

<b>Product</b>	Acoustic mat on a mostly ecological basis (approx. 90%) for floating installation under laminate and parquet
<b>Product composition</b>	Permanently flexible underlay material made of mineral fillers and polyurethane binders, with non-woven lining on one side
<b>Advantages</b>	<ul style="list-style-type: none"><li>- Excellent footfall and indoor sound insulation</li><li>- Permanently flexible</li><li>- Suitable for use with underfloor heating</li></ul>
<b>Installation</b>	<ul style="list-style-type: none"><li>- Use PE film as an underlay on all mineral subfloors</li><li>- Install with non-woven fabric down</li><li>- Easy and dust-free to cut to size with a general-purpose cutter (carpet knife)</li><li>- Fit the ends together tightly; do not overlap or leave gaps</li></ul>
<b>Environment</b>	<ul style="list-style-type: none"><li>- Contains neither solvents nor other substances damaging to the ozone layer</li><li>- The renewable raw materials used for the product are not in competition with food crops</li><li>- The product requires no special work safety measures</li><li>- Recyclable (EWC no.: 170604)</li><li>- Can be disposed of with domestic waste</li><li>- Free from plasticisers, asbestos, formaldehyde, halogens and other heavy metals</li><li>- Awarded the Blue Angel ecolabel</li></ul>

#### Technical data



www.blauer-engel.de/uz156

<b>CEN/TS 16354</b>	<b>Thickness</b>	approx. 1,9 mm (+/- 0.15 mm)
	<b>Punctual conformability (PC)</b>	~ 0.96 mm
	<b>Compressive strength (CS)</b>	~ 250 kPa
	<b>Compressive creep (CC)</b>	~ 52 kPa
	<b>Dynamic load (DL)</b>	> 2.500.000 cycles
	<b>Resistance to large ball (RLB)</b>	~ 750 mm
	<b>Water vapour diffusion resistance (SD)</b>	-
	<b>Thermal resistance (R)</b>	0.010 m <sup>2</sup> K/W
	<b>Impact sound reduction (IS)</b>	18 dB (+/- 2 dB)
	<b>Reaction to fire (RTF)</b>	E <sub>fl</sub>
<b>Suitable for underfloor heating</b>	Yes	
<b>Indoor sound reduction</b>	up to 26% (+/- 2 %)	
<b>Weight per unit area</b>	approx. 1.6 kg/m <sup>2</sup> (+/- 0.15 kg/m <sup>2</sup> )	
<b>Weight</b>	895 kg/m <sup>3</sup>	
<b>Dimensions</b>	8,5 m x 1,0 m	
<b>Roll coverage</b>	8,5 m <sup>2</sup>	
<b>Content/pallet</b>	340 m <sup>2</sup> (40 rolls)	
<b>Packaging</b>	Individual rolls wrapped in foil with guide lines 40 rolls upright in display on a Euro pallet	
<b>Fulfils <u>all</u> minimum technical requirements in accordance with EPLF</b>		
	<b>Yes</b>	
<b>in accordance with MMFA (Group 1)</b>		
	<b>Yes</b>	

This technical information is for your guidance and support and is based on our most up-to-date knowledge. It makes no representation or warranty, express or implied, as to any specific properties of the described product within the meaning of the statutory warranty regulations.

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