

**Technical Information**  
**HARO Silent Pro DS Luxury Insulation**

ID no. 411 490

**HARO**  
 Quality Flooring

- Product** Acoustic mat for floating installation under laminate and parquet with integrated moisture barrier
- Product composition** Permanently flexible underlay material made of mineral fillers and polyurethane binders, with non-woven lining on one side and integrated alu-vapour barrier on one side
- Advantages**
- The premium product for use with floating installation of hard surface floor coverings
  - Excellent values for footfall and impact sound reduction through high self-weight and unique formulation
  - "Forest floor effect" reduces impact on joints and spine
  - Suitable for use with underfloor heating
- Installation**
- With aluminium side up
  - Easy and dust-free to cut to size with a general-purpose cutter (carpet knife)
  - Fit the ends together tightly; do not overlap or leave gaps
  - Ends fitted with aluminium adhesive tape
- Environment**
- Contains neither solvents nor other substances damaging to the ozone layer
  - The renewable raw materials used for the product are not in competition with food crops
  - The product requires no special work safety measures
  - Recyclable (EWC no.: 170604)
  - Can be disposed of with domestic waste
  - Free from plasticisers, asbestos, formaldehyde, halogens and other heavy metals

**Technical data**



<b>CEN/TS 16354</b>	<b>Thickness</b>	approx. 3 mm (+/- 0.15 mm)
	<b>Punctual conformability (PC)</b>	~ 1,12 mm
	<b>Compressive strength (CS)</b>	~ 150 kPa
	<b>Compressive creep (CC)</b>	~ 40 kPa
	<b>Dynamic load (DL)</b>	> 2.500.000 cycles
	<b>Resistance to large ball (RLB)</b>	~ 850 mm
	<b>Water vapour diffusion resistance (SD)</b>	> 75 m
	<b>Thermal resistance (R)</b>	0.010 m²K/W
	<b>Impact sound reduction (IS)</b>	19 dB (+/- 2 dB)
	<b>Reaction to fire (RTF)</b>	up to B <sub>fl</sub> -S1
<b>Suitable for underfloor heating</b>	Yes	
<b>Indoor sound reduction</b> (EPLF Norm WD 021029-5)	29 % (+/- 2 %)	
<b>Weight per unit area</b>	ca. 2,6 kg/m² (+/- 0,15 kg/m²)	
<b>Dimensions</b>	5,5 x 1,0 m	
<b>Roll coverage</b>	5,5 m²	
<b>Content/pallet</b>	220 m² (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</b>		
<b>in accordance with EPLF</b>		<b>Yes</b>
<b>in accordance with MMFA (Group 1)</b>		<b>Yes</b>

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