

Technical data sheet

**Profi Vinyl (PE 300)**

Material PE low expansion foam

300 kg/m<sup>3</sup>



1.0 mm



1.00 m



15.00 m



15.00 m<sup>2</sup>

Art No.

41100270



		Anforderungen Requirements Exigences	mmfa		Wert Value Valeur
			Mindestanforderung Minimum requirement Exigence minimale	Erhöhte Anforderung Advanced requirement Demande augmentée	
Konstruktion Construction		Eignung für Fußbodenheizung Suitable for floor heating L'aptitude pour le chauffage au sol	<b>R</b>	≤ 0.15 m <sup>2</sup> K/W Gesamtaufbau Overall structure Structure globale	<b>0.0145 m<sup>2</sup> K/W</b>
		Wärme-Kälte-Isolierung Insulation against heat and cold Isolation du chaud et du froid	<b>R</b>	≥ 0.075 m <sup>2</sup> K/W	
		Ausgleich von Unebenheiten Compensation for unevennesses Compensation des légères irrégularités	<b>PC</b>	≥ 0.50 mm	<b>~ 0.50 mm</b>
		Feuchteschutz Moisture protection Protection contre l'humidité	<b>SD</b>	≥ 75 m	<b>&gt; 75 m</b>
Nutzung Advantages Utilisation		Dynamische Beanspruchung Dynamic Load Contrainte dynamique	<b>DL 25</b>	≥ 10,000 cycles    ≥ 100,000 cycles	<b>&gt; 400,000 cycles</b>
		Statische Beanspruchung Static load Contrainte statique	<b>CS</b>	≥ 200 kPa    ≥ 400 kPa	<b>~ 1,000 kPa</b>
		Statische Dauerbeanspruchung Sustained static load Contrainte statique permanente	<b>CC</b>	≥ 10 kPa    ≥ 35 kPa	<b>~ 50 kPa</b>
		Stoßbeanspruchung Impact resistance Contrainte due aux chocs	<b>RLB</b>	≥ 50 cm    ≥ 120 cm	<b>180 cm</b>
Akustik Acoustic		Gehschallreduzierung Walking noise reduction Réduction de bruit aérien	<b>RWS</b>	Wert in Entwicklung Value in development Valeur en développement	<b>-</b>
		Trittschallverbesserung Impact sound reduction Réduction de bruit d'impacts	<b>IS</b>	≥ 10 dB    ≥ 18 dB	<b>21 dB</b>



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# Profi Vinyl (PE 300)

### Product description

The acoustic system "Profi Vinyl" was specifically designed for floating installation under clickable design floor coverings. The "Profi Vinyl" acoustic system was developed to the latest state of the art and is available in handy rolls.

### Product structure

Non-crosslinked PE foam without lamination.

### Durability

The "Profi Vinyl" has a good to excellent level of resistance against chemicals.

Products that can be avoided: Strongly oxidising products. Maximum application temperature: -40 °C / +70 °C.

### Ecology

The product is ecologically and physiologically safe.

This product can be recycled and can be disposed of with the household waste.

### Processing

Before use, approval from the floor covering and adhesive manufacturer must be obtained. For further information regarding processing read the applicable published instructions from the respective manufacturer.

Easy cutting with a cutter knife. Upon final installation, every covering must be individually checked and approved. Installation recommendations must be made by the respective sales partner.

### Occupational health and safety

The product does not require any special occupational safety measures. When installing the floor coverings, it is essential that the manufacturer's protection specifications are observed.

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### Technical specifications

<b>d</b>	Thickness 1.00 mm ( $\pm 15\%$ )	
<b>AW</b>	Surface weight 0.30 kg/m <sup>2</sup> ( $\pm 0.03$ kg/m <sup>2</sup> )	
<b>l</b>	Length 15 m (-0 / +1000 mm)	
<b>w</b>	Width 1 m (-20 / +20 mm)	
<b>R</b>	Insulation against heat and cold 0.0145 m <sup>2</sup> K/W	DIN CEN/TS 8302 at 10 °C
<b>PC</b>	Compensation for unevenness ~ 0.50 mm	DIN CEN/TS 16354
<b>SD</b>	Moisture protection > 75 m	DIN CEN/TS 12572
<b>DL25</b>	Dynamic load > 400,000 cycles	DIN EN 13793
<b>CS</b>	Static load ~ 1,000 kPa	DIN EN 826
<b>CC</b>	Sustained static load ~ 50 kPa	DIN EN 1606
<b>RLB</b>	Durability 180 cm	
<b>RWS</b>	Walking noise reduction n.a.	
<b>IS</b>	Impact noise reduction 21 dB	DIN EN ISO 140-8
<b>RI</b>	Residual indentation n.a.	
<b>RTF</b>	Fire classification E	DIN EN 13501-1 without surface covering

Version 03/2022

The above figures are based on the current knowledge level and state of the art technological development.

We do not claim that the following information is complete. Technical data subject to change.

All previous product data sheets cease to be valid.