


## Technical data TSL 310™ / TSL 400™

Product type	TSL 310™	TSL 400™
	Impact-sound absorbing nonwoven for floating parquet and laminate floors with integrated moisture barrier  (The CM values must be maintained in accordance with SIA standards)	

### Characteristic properties

Material	Nonwoven of synthetic fibres, upper side with coat to favour sliding, laminated with black PE sheet of 0.2 mm thickness. The PE sheet overlaps 20 cm.	
Colour	Nonwoven lime-green, foil black	Nonwoven lime-green, foil black
<b>Technical properties</b>		
Unit weight	ca. 310 g/m <sup>2</sup>	ca. 400 g/m <sup>2</sup>
Thickness	ca. 2 mm	ca. 3 mm
Heat conductivity $\lambda$ W/m K	ca. 0.045	ca. 0.039 (tested by EMPA)
Thermal resistance R in m <sup>2</sup> K/W	ca. 0.067	ca. 0.075 (tested by EMPA)
Measure of impact-sound improvement	$\Delta L_w = 20$ dB Norm EN ISO 717-2 (Test report: CEBTP n° B 212.0.132)	$\Delta L_w = 20$ dB Norm EN ISO 717-2 (Test report: CEBTP n° B 212.0.132)
S <sub>d</sub> -data (m)	99.9 / Norm DIN EN ISO 12572	99.9 / Norm DIN EN ISO 12572

### Advantages

One operation only, separate laying of the moisture barrier is unnecessary  
 Suitable for floor heating  
 No sliding, as PE sheet laminated directly to nonwoven  
 Resistant against microorganisms  
 Environment-friendly, free of harmful substances, thermally disposable

### Important

Must not be laid on textile floor covers, particle board or other organic material

### Laying

PE sheet downwards, overlaps 20 cm

### Delivery form rolls of

Length	50 m	30 m
Width	180 cm + 20 cm, PE sheet overlap	180 cm + 20 cm, PE sheet overlap
Diameter approx.	40 cm	36 cm
Special measurement	100 cm x 30 m + 20 cm, PE sheet overlap	100 cm x 30 m + 20 cm, PE sheet overlap

### Delivery form short-rolls of

Length	rolls / box 12	15 m	-
Width	boxes / palette 2	100 cm + 20 cm, PE sheet overlap	-

### Function / Application

To be laid out under floating parquet and laminate floors



The values given are average obtained according to internal and external testing. We reserve the right to make changes at any time in accordance with our knowledge, technology and experiences without any notice.