



	Property	Unit	Value	Norm
d:	<b>Thickness of the underlay</b> measured at 100 Pa pre-load	mm	2.0 (+/- 10%)	EN 823
RWS:	<b>Reflected walking sound</b> <ul style="list-style-type: none"> <li>walking sound reduction compared to reference floor covering of 7mm monolithic DPL laminate board on top of an underlay PE 25-03</li> </ul>	%	30	Intern, SAAG WS 021029-5 F1
IS:	<b>Impact sound improvement</b> <ul style="list-style-type: none"> <li>measured under 7mm laminate flooring</li> </ul>	dB	20	EN ISO 10140-3 / EN ISO 717-2
CS:	<b>Compressive strength</b> <ul style="list-style-type: none"> <li>tested at 0.5mm compression under 100 Pa pre-load</li> </ul>	kPa	≥ 70	EN 826
CC:	<b>Compressive creep under long term static load</b> <ul style="list-style-type: none"> <li>max. thickness loss of 0.5mm extrapolated to 10 years</li> </ul>	kPa	≥ 20	EN 1606
DL:	<b>Dynamic load</b> <ul style="list-style-type: none"> <li>alternating load cycles from <math>\sigma_{min} = 0.1</math> to <math>\sigma_{max}</math></li> <li>number of load cycles</li> <li>max. deformation / thickness loss <math>\Delta d</math></li> </ul>	kPa no.cycl. mm	25 1.000.000 ≤ 0.5	EN 13793
PCv:	<b>Punctual conformability</b> to even out unevenness of subfloor	mm	1.5	EN 16354:2018
RLB:	<b>Resistance to impact by large diameter ball</b> <ul style="list-style-type: none"> <li>to be tested on flooring system (underlay+laminare flooring)</li> </ul>	m	1.2	EN 13329 Annex F and EN 438 chapter 21
TR:	<b>Thermal resistance</b> at 24°C mean temperature	m <sup>2</sup> K/W	0,046	EN 12667 / EN 12664
SD:	<b>Water vapour diffusion resistance of the underlay</b> <ul style="list-style-type: none"> <li>diffusion-equivalent air layer thickness, SD-value</li> <li>acc. EN 12086 method A, measured at 23° C, 0-50% rel. humidity / foil-type</li> </ul>	m	75	EN 12086
WA:	<b>Water absorption</b> by foam	Vol%	< 1	EN 12087
RTF:	<b>Reaction to fire</b>	class	E1	Test acc. EN ISO 11925-2 classification acc. EN 13501-1, Table 2

