



	Property	Unit	Value	Norm
d:	Thickness of the underlay measured at 100 Pa pre-load	mm	2.0 (+/- 10%)	EN 823
RWS:	Reflected walking sound <ul style="list-style-type: none"> walking sound reduction compared to reference floor covering of 7mm monolithic DPL laminate board on top of an underlay PE 25-03 	%	30	Intern, SAAG WS 021029-5 F1
IS:	Impact sound improvement <ul style="list-style-type: none"> measured under 7mm laminate flooring 	dB	20	EN ISO 10140-3 / EN ISO 717-2
CS:	Compressive strength <ul style="list-style-type: none"> tested at 0.5mm compression under 100 Pa pre-load 	kPa	≥ 70	EN 826
CC:	Compressive creep under long term static load <ul style="list-style-type: none"> max. thickness loss of 0.5mm extrapolated to 10 years 	kPa	≥ 20	EN 1606
DL:	Dynamic load <ul style="list-style-type: none"> alternating load cycles from $\sigma_{min} = 0.1$ to σ_{max} number of load cycles max. deformation / thickness loss Δd 	kPa no.cycl. mm	25 ≥ 200.000 ≤ 0.5	EN 13793
PCv:	Punctual conformability to even out unevenness of subfloor	mm	1.5	EN 16354:2018
RLB:	Resistance to impact by large diameter ball <ul style="list-style-type: none"> to be tested on flooring system (underlay+laminatate flooring) 	m	1.2	EN 13329 Annex F and EN 438 chapter 21
TR:	Thermal resistance at 24°C mean temperature	m ² K/W	0,046	EN 12667 / EN 12664
SD:	Water vapour diffusion resistance of the underlay <ul style="list-style-type: none"> diffusion-equivalent air layer thickness, SD-value acc. EN 12086 method A, measured at 23° C, 0-50% rel. humidity / foil-type 	m	75	EN 12086
WA:	Water absorption by foam	Vol%	< 1	EN 12087
RTF:	Reaction to fire	class	E1	Test acc. EN ISO 11925-2 classification acc. EN 13501-1, Table 2

