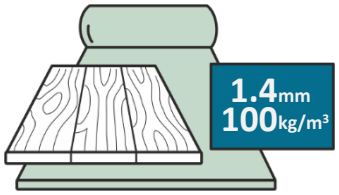

Product: 1.4 x1000x25m , 100 kg/m³,

for laminate flooring

TECHNICAL DATA SHEET following testmethod DIN EN/TS 16354(2019-01)
Flooring underlays for parquet, laminate and LVT

PC [mm]	CS [kPa]	CC [kPa]	DL [25kPa]	RLB [m]	TR [m²K/W]	SD [m]	IS [dB]	RTF [class]
0.9-1.0	>60	≥20	> 250000	0.5-1.2	0,025-0.03	>200	17- 18	E_{fl}

PROPERTY	SYMBOL	UNIT	TEST METHOD	VALUE	REQUIREMENT
Thickness (t) lenght width	t l w	Mm Cm Cm	EN 823 EN 823 EN 823	1.4 -/+10% 2500 -/+2% 100 -/+1	
Flatness	s	Mm/m	EN 825+A 3.5	<2 mm	<2mm
Squareness	q	Mm/m	EN 824+A 3.4	N/A	<5 mm
Punctual conformability	PC	mm	EN ISO 868	0.9-1.0 (PC1)	PC1≥ 0,5 PC2≥ 1
Compressive Strength	CS	kPa	EN 826	>60 (CS2)	CS0<10 CS1≥10 CS2≥60 Cs3≥400
Compressive Creep	CC	kPa	EN 1606	≥20 (CC2)	CC0<2 CC1≥2 CC2≥20 CC3>50
Dynamic Load Resistance (DL25)	DL 25	Cycles	EN 13793	>250000	Min. ≥ 10.000 Max. ≥ 100.000
Resistance to impact by large diameter ball	RLB	mm	EN 13329	500<RLB=1200	Min. ≥ 500 Max. ≥ 1200
Thermal Resistance	R_λ	m² K/W	EN 12667 or EN 12664 at 24°C mean temperature	-	≥ 0,075
Thermal Resistance(heated/cooled floors)	R_λ	m² K/W	EN 12667 or EN 12664 at 24°C mean temperature	0.025-0.03	Heated floors<=0.15 Cooled floors<=0.15
Water vapour diffusion resistance	SD	m	EN 12086, method A, at 23° C and 0% to 50% rel. humidity	>200	≥ 75
Impact sound insulation Airbone sound isolation	IS AS	Db Db	EN ISO 10140-3 and EN ISO 717-2 DIN EN ISO 717-2	17-18	Min ≥ 14 Max ≥ 18 -
Reaction to fire	RTF		EN ISO 11925-2 Classification according to EN 13501-1:2007	E_{fl}	
Emission of VOC's			EN ISO 16000-9	A+	
DIBT Nr				Z-158.10-79	
Area weight	AW	g/m²		150	

* $R_{\lambda,B}$ resistance requirement for complete flooring system: ≤ 0,15 m² K/W for heated floors and for cooled floors