

PLAKDECK Technical data

Standard properties	Unit	PlakDeck	PlakDeck Stairs 16mm	PlakDeck Skirt	PlakDeck Floor 25mm	PlakDeck Stairs 32mm	CE Standard
Physical properties							
Thickness tolerance	mm	± 0,60	± 0,96	± 0,96	± 1,50	± 1,50	EN 12467:2021
Density	Kg/m ³	1.300 ±50	1.300 ±50	1.300 ±50	1.600 ±50	1.600 ±50	EN 12467:2021
Water absorption	%	Max. 35	Max. 35	Max. 35	Max. 25	Max. 25	EN 12467:2021
Moisture content	%	≤15	≤12	≤12	≤12	≤12	EN 12467:2021
pH Value	-	7-8	7-8	7-8	7-8	7-8	EN 12467:2021
Water resistance	-	Compliant	Compliant	Compliant	Compliant	Compliant	EN 12467:2021
Mechanical properties							
Modulus of rupture (longitudinal)	Mpa	≥15	≥12	≥12	≥22	≥22	EN 12467:2021
Modulus of elasticity (longitudinal)	Mpa	≥5.000	≥5.000	≥5.000	≥11.000	≥11.000	EN 12467:2021
Fire resistance							
Fire reaction class	-	A2-S1-D0	A2-S1-D0	A2-S1-D0	A2-S1-D0	A2-S1-D0	EN 13501:2005
Fire resistance	-	Compliant	Compliant	Compliant	Compliant	Compliant	EN 12467:2021
Fire propagation index	-	Compliant	Compliant	Compliant	Compliant	Compliant	EN 12467:2021
Flame surface diffusion	-	Compliant	Compliant	Compliant	Compliant	Compliant	EN 12467:2021
Durability							
Heat - rain resistance	-	Compliant	Compliant	Compliant	Compliant	Compliant	EN 12467:2021
Hot water resistance	-	Compliant	Compliant	Compliant	Compliant	Compliant	EN 12467:2021
Freeze - Thaw	-	Compliant	Compliant	Compliant	Compliant	Compliant	EN 12467:2021
Soak - Dry resistance	-	Compliant	Compliant	Compliant	Compliant	Compliant	EN 12467:2021