

PICTURE-PERFECT PREMIUM BOARDS
FOR OUTDOORS

MYDECK boards are solidly made of Premium WPC. The designer boards are about 60% wood [predominantly spruce and Douglas fir from sustainable forestry]. About 30% of the designer boards are made of polyethylene [HDPE], and about 10% is made up by additives [dye, etc.].

The Premium boards are free of harmful substances [no heavy metals, CFCs, PCBs, impregnating agents or wood preservatives].

MYDECK designer boards are made in Germany.

Slip resistance testCOLOURS one

according to DIN 51130: R11

COLOURS one wide

according to DIN EN 16165 [Ausgabe 02/2023]: R10

Slip resistance in wet barefoot areasCOLOURS one

according to DIN 51097: C

COLOURS one wide

according to DIN EN 16165
[Ausgabe 02/2023]: C

Fire resistance according toCOLOURS one, COLOURS one wide,COLOURS grand

EN 13501-1 : 2018: C_{f1}-s1

	CRITERION	ASTM	RESULTS
	Flexural modulus		
	Standard EN 310		4521 N.mm
	After ageing [RDA]		4636 N.mm
	After exposure to the cold [-25°C]		3573 N.mm
	After exposure to heat [+60°C]		5711 N.mm
	Modulus of elasticity EN 310		4525 Mpa
	Compressive strength	D 143	17 Mpa
	Tensile strength	D 638	8.3 Mpa
	Resistance to		
	humidity EN 317		
	[24h moisture absorption]		0.4% [10% for a panel CTB-H]
	Water absorption		1.4%
	Density		1217 kg/m ³
	Resilience against		
	holes [Brinell hardness]		59.6 MPa [very resistant material]
	Resistance		
	to termites		No attacks, either at the beginning or after a long time [RDA + EN 321]
	Resistance		
	to wood-eating		Very durable material. Age tests [RDA and
	fungi N34/EN318		EN 321] have no effect on durability
	Dimensional deviations due		
	to changes in relative		
	humidity EN 318		
Length	mm/m 65 to 30% relative humidity		-1.34
Length	mm/m 65 to 85% relative humidity		1.03
	Thickness in 65 to 30%		-0.18
	Thickness in 65 to 85%		0.32
	Dimensional deviations due to		
	temperature changes	D 696	288*10 ⁻⁵ mm/m/°K
	Mycology tests N34		
	[adapted] / EN312		Class 1 [very durable]
	Flame dispersion		
	[red oak - 100]	E 84	46
	Autoignition temperature °C	D 1929	436
	External ignition temperature °C	D 1929	355
	Coef. of therm.		
	longitudinal expansion [per °F]	D 696	1.6 x 10 ^[-5]
Thermal	conductivity [BTU/hr./Ft2/° F]	C 177	2.03
	Hardness level, lbs.	D 143	1390