

PICTURE-PERFECT PREMIUM BOARDS
FOR OUTDOORS

The following data for the collections
>COLOURS one wide<, >COLOURS wide<,
>COLOURS grand< and >COLOURS< in the
shade bali.

MYDECK boards are solidly made of Premium
WPC. The designer boards are about 60% wood
[predominantly spruce and Douglas fir from
sustainable forestry, PEFC™ certified].
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 test according to
DIN 51130: R11

Slip resistance in wet barefoot areas
according to DIN 51097: C

Fire resistance according to
EN 13501-1:2007: Dfl-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 fungi N34/EN318		Very durable material. Age tests [RDA and 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./Ft ² /° F]	C 177	2.03
Hardness level, lbs.	D 143	1390