

Status: 01/2011

Technical data - paseo profile

Qualities	Value	Unit	Standard	Addendum
Density	1100	kg/m ³	EN 323	
Weight of Paseo profile	2,0	kg/m		
Weight of sub-framework bar	1,9	kg/m		
Wood content	60	%		
Maximum surface load	500	kg/m ²		On condition that Werzalit's laying instructions are observed
Maximum point load	200	kg		On condition that Werzalit's laying instructions are observed
Screw withdrawal resistance	> 900	N	Werzalit test standard	4 mm particle board screw non pre-drilled in sub-framework bar
Moisture expansion after immersion in water at 100°C after 5 hrs.	Thickness < 4 Width < 0,7 Length < 0,3	%	VHI - quality mark	
Longitudinal deformation due to moisture/thermal load	< 6	mm/ r.m	Werzalit test standard	Maximum expected longitudinal deformation under extreme climatic variations
Temperature resistance with regular use	-50 - +70	°C		Prevent bowing caused by constant loads
Short-term temperature resistance	up to +120	°C		
Brinell hardness	25 - 35	N / mm ²	Werzalit test standard	1000 N, 15 s application time (force/penetration area)
Stain/chemical susceptibility	Good to very good		As per EN 438	No staining with coffee, cola, ketchup, acetone, mustard, etc. Exceptions: shoe polish, oils, grease - these must be removed immediately, e.g. using <ul style="list-style-type: none"> • a stain removal spray • Flash Express (household detergent) • a specialist surface cleaner High pressure cleaners may be used up to 80 bar, minimum clearance of 20 cm; do not use a dirt blaster. Remove stubborn stains with an abrasive cloth.
Resistance to cigarette burns	Not resistant		EN 438	
Fire protection class/ Reaction to fire rating	B2 E _{fl}		DIN 4102-1 DIN EN 13501-1	Normal flammability
Chalking	Class 1		as per DIN EN ISO 4628-6 / Werzalit test standard	Best chalking class; applies to paseo profile; 1600 hrs UV radiation with moisture cycle
Light fastness	Contains UV protection additives; dyed throughout with level 8 lightfast colour pigments (DIN 54004). Because of the wood chips contained, the profiles can be expected to lighten evenly.			Sub-framework dyed throughout, without UV protection additives
Resistance to fungal attack/class of resistance	Class 1 - 2			(very durable – durable)
Resistance to timber-degrading brown/white rot fungus	Highly resistant		DIN EN 12038	After leaching in accordance with EN 84 (weight loss < 1,5 %)
Resistance against soft rot	Resistant		ENV 807	15 - 25% less weight loss than Azobé/Bongossi!
Used with hazard class	3 + 4		EN 335-1	Hazard class 3: Not covered, no contact with earth (external conditions); Hazard class 4: Contact with earth or with fresh water
Slip resistance "Working area with increased risk of accidents"	Class R 10 V 6		DIN 51130	Suitable for public areas
Slip resistance "Wet-loaded barefoot area"	Class C		DIN 51097	Best slip resistance class!

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