

# Technical Data.

entero 2.0 / entero plus 2.0 / tolero solid terrace profile



Properties	Value	Unit	Standard	Remarks
Density	1100	kg/m <sup>3</sup>	EN 323	
Weight of entero/entero plus profile	3.3	kg/m		
Weight of sub-framework bar	1.9	kg/m		
Wood content	60	%		
Maximum surface load	500	kg/m <sup>2</sup>		Subject to compliance with the WERZALIT installation instructions
Maximum point load	200	kg		Subject to compliance with the WERZALIT installation instructions
Screw withdrawal strength	>900	N	WERZALIT test standard	4 mm particle board screw without pre-drilling a hole in the sub-framework bar
Swelling after storage in water at 100 °C after 5 h	Thickness < 4 Width < 0.7 Length < 0.3	%	VHI quality seal	
Length change due to moisture/heat exposure	< 6	mm/lm	WERZALIT test standard	Maximum expected length change under extreme climate fluctuations
Temperature resistance during regular use	-50 to +70	°C		Avoid deflection caused by sustained loads
Short-term temperature resistance	Up to +120	°C		
Brinell hardness	25–35	N/mm <sup>2</sup>	WERZALIT test standard	1000 N, 15 s application time (force/penetration area)
Sensitivity to chemicals and spot formation	Good to very good		As for EN 438	No spots caused by coffee, cola, ketchup, acetone, mustard, etc. Exception: Shoe polish, oils, greases – remove these immediately, such as with stain removal spray, power grease remover, multi-purpose cleaner. A high-pressure cleaner may be used, max. 80 bar, at least 20 cm nozzle distance, do not use a rotary nozzle. Remove stubborn spots with an abrasive cloth.
Cigarette burn resistance	Not resistant to burns		EN 438	
Fire protection/behaviour class	B2 E <sub>fl</sub>		DIN 4102-1 DIN EN 13501-1	Normal flammability
Light fastness	Contains UV protection additives; dye-penetrated with colour pigments of light fastness level 8 (EN ISO 105-B02). Because the material contains wood particles, a uniform lightening of the profiles should be expected.			Sub-framework dye-penetrated, without UV protection additives
Mould resistance class	Class 1		EN 350-1	Very long-lasting
Resistance to wood-destroying brown and white rot fungi	Very resistant		DIN EN 12038	After washing out as per EN 84 (mass loss < 1.5%)
Resistance to soft rot fungi	Resistant		ENV 807	15 to 25% less mass loss than Azobé/Bongossi
Suitable for hazard class (HC)	3 + 4		EN 335-1	HC 3: No soil contact, uncovered (outside conditions) HC 4: In contact with soil or freshwater
Slip resistance "work area with increased accident risk"	Class R 12/V8 (solco) Class R 12 (brosso)		DIN 51130	Suitable for public areas
Slip resistance "water-exposed barefoot area"	Class C		DIN 51097	Best slip resistance class!

More information available at: [www.werzalit.com](http://www.werzalit.com)

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