

Characteristics	
Composition	60% Natural Wood Powder 40% HDPE & Additives
Profile	Dual side, 1 face ribbed & 1 face smooth
Fixing	On aluminium or wood keels, fix with screws
Colors	Battleship Grey, Chocolate Brown, Slate
Section / mm (H*I)	20x138
Length (mm)	3600
Linear mass (Kg/m)	3.60

Technical Characteristics		Value	Unit	Norm	
Physical characteristic	Density	1350	kg/m ³	ISO 1183-1	
	Flexural properties	Bending Strength	34.5	MPa	EN 15534-1:2014
Flexural properties	Modulus of elasticity:	Mean	4.90	GPa	
		Min.	3252	N	
	Maximum load	Mean	3007	N	
		Min.	3007	N	
Deflection at 500N	Mean	1.49	mm		
	Max	1.56	mm		
Moisture resistance under cyclic test conditions	Original MOR	34.5	mpa	EN 15534-1:2014 Section 8.3.2 EN 321: 2002	
	After exposure	Mean MOR	29.6		mpa
		Mean decrease	14		%
		Min. MOR	27.3		mpa
		Max. decrease	21		%
Coefficient of linear Thermal Expansion	Mean value	36.1 x10 ⁻⁶ K ⁻¹	mm/mm10°C	ASTM D696 : 2016	
Boiling	Water absorption in weight	Mean	0.49	%	EN 15534-1:2014 Section 8.3.3 EN 15534-4:2014 Section 4.5.5
		Max.	0.56		
Swelling after boiling (28 days immersion)	Mean swelling		3.02	% in thickness	EN 15534-1:2014 Section 8.3.3 and 8.3.1
			0.10	% in width	
			0.09	% in length	
	Max. swelling		3.35	% in thickness	
			0.13	% in width	
		0.13	% in length		
Fire Behaviour	Class	C ₁ s2		EN 15534-4	

*400 mm max. span

Loading Capacity

Length: 3600 mm | Pallet: 56 pcs - 201,6 ml - 760 kg | Container 40' FCL : 32 Pallet - 1792 pcs - 6451.2
 Length: 3600 mm | Pallet: 112 pcs - 403,2 ml - 1520kg | Container 40' FCL : 16 Pallet - 1792 pcs - 6451.2