

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	Grey, Warm Grey, Chocolate, Sahara, Slate, Tobacco
Section / mm (H*I)	20x146
Length (mm)	2900
Linear mass (Kg/m)	3.60

Technical Characteristics		Value	Unit	Norm	
Physical characteristic	Density	1350	kg/m <sup>3</sup>	ISO 1183-1	
	Bending Strength	34.5	MPa	EN 15534-1:2014	
Flexural properties	Modulus of elasticity:	4.90	GPa		
		Maximum load	Mean		3252
	Deflection at 500N	Min.	3007		N
		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 <sup>-6</sup> K <sup>-1</sup>	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 <sub>fl</sub> S2		EN 15534-4	

\*400 mm max. span

### Loading Capacity

Length: 3600 mm  
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| Pallet: 56 pcs - 201,6 ml - 760 kg  
| Pallet: 112 pcs - 403,2 ml - 1520kg

| Container 40' FCL : 32 Pallet - 1792 pcs - 6451.2  
| Container 40' FCL : 16 Pallet - 1792 pcs - 6451.2