

Technical data sheet

1. Product name	Savadeck Ultra vertica
2. Type of construction product	WPC Cladding board
3. Brand name	Savadeck
4. Manufacturer	Savadeck Mont d.o.o., Belgrade, Serbia
5. Tested by	Intertek testing services Shenzhen Ltd. report No 260713004SHF-001 SGStest report No GZIN160500923CCM-02
6. Declared properties	Product characteristics were tested according to standard EN 15534-1:2014+A1

	Characteristics	Method	Units	Values
I	Dimensions	EN 15534-1	mm	2900 × 200 × 26
II	Density	EN ISO 1183-1	g/cm ³	1.323
III	Linear mass	EN 15534-4; EN 15534-1	kg/m	2.88
IV	Breaking resistance (span 450mm)		N	4386
V	Flexural strength (span 350mm)		MPa	20.3
VI	Flexural modulus (span 350mm)		MPa	2635
VII	Impact resistance (m=1kg, d=50mm h=700mm)	EN15534-4	-	No damage (0/10), notch 0.46mm
VIII	Bending		mm	0.76mm
IX	Resistance of upper wall to local pressure (Ø16 mm)		N/mm ²	77.7
X	5 hours in boiling water	EN 15534-4; EN 15534-1	-	
X/1	Length Increase		%	0.16
X/2	Width Increase		%	0.39
X/3	Mass Increase		%	1.96
XI	28 days in cold water	EN 15534-4; EN 15534-4	-	
XI/1	Length Increase		%	0.14
XI/2	Width Increase		%	0.37
XI/3	Mass Increase		%	0.97
XII	Linear thermal expansion	ISO 11359-2	-	47.1x10-6
XII1	Length Increase		K ⁻¹	0.01
XII2	Width Increase		K ⁻¹	0
XIII	Fire resistance class	EN 13501-1	Class	Class E-S1
XIV	Fungal resistance	ISO 16869	-	Grade 0 (No fungal growth)
XV	Saltwater resistance	EN ISO 9227	-	No change after 10 days
XVI	Termite resistance	EN 117	-	Resistant
XVII	UV resistance (600h)	EN 15534-4:2014 Sec 4.5.5/ISO 4892-2:2013	-	No change
XVIII	Color change	EN15534-1:2014	ΔE*	0.66
XIX	Grey Scale	EN15534-1:2014	Grade (Scale)	3-4 IPE 4-OAK, Patina 4-5 Ebony, red cedar
XX	Content of hazardous substances (REACH)	EU REACH Regulation (EC) No 1907/2006, Art. 33(1)	% _w w	Not detected / Meets requirements
XXI	Maximum substructure spacing	Internal specification	mm	≤500