

FIBER CEMENT BOARDS LATONIT
Basic dimensions and physical and mechanical performance

No.	Indicator name	Value
1	Basic dimensions, mm length width thickness	1200÷3600 ± 5 1200÷1500 ± 5 4÷6 ± 0.6 6÷12 ± 10 % from the thickness
2	Fire-hazard classification	A2-s1.d0
3	Density, g/cm ³	min 1.6
4	Bending strength, MPa	min 18
5	Flex modulus (elasticity modulus at bending), MPa	9000
6	Thermal coefficient of linear expansion (in the range from minus 20 to plus 40° C), $\Delta\alpha \cdot 10^{-6} \text{ K}^{-1}$	8
7	Thermal conductivity, W/mK	0.22
8	Impact strength, kJ/m ² , not less than	2
9	Class	4
10	Resistance of painted surface to climatic factors: number of cycles protection properties decorative properties	90 No the flaking, visible defects of coating Color of coating became a little lighter
11	Resistance of paint coating to the static impact of liquids: 5% solution of NaOH, 3 % solution of sea-salt 0.5% solution of H ₂ SO ₄	No color change and the flacking of coating It is acceptable that color become a little lighter The flaking and visible defects of coating are not allowed
12	Wear resistance to variable defrosting and variable freezing	RL>0,75
13	Wear resistance by testing with hot water	RL>0,75
14	Wear resistance by testing humidity-dryness	RL>0,75
15	Wear resistance by testing heat-rain	Without visible deformations
16	Water impermeability	Without drop formation

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