

National Research Center of Testing Techniques for Building Materials

Test Report

No.200862211

No.	Test item	Standard requirements	Test results	Results	
1	Density	$0.7t/m^3 \leq \rho \leq 1.0t/m^3$	0.92 t/m ³	Qualified	
2	Water content	$\leq 8\%$	5.9%	Qualified	
3	Bending strength	≥ 8.0 MPa	19.5MPa	Qualified	
4	Contracted when heated	$\leq 0.3\%$	0.26%	Qualified	
5	Expansion when wet	$\leq 0.6\%$	0.5%	Qualified	
6	Impact strength	≥ 1.5 KJ/m ²	6.2KJ/m ²	Qualified	
7	Holding nails	≥ 20 N/mm	37.1N/mm	Qualified	
8	Moisture resistance	No moisture	No moisture	Qualified	
9	Non-combustible (A Grade)	Temperature rise in furnace	$\leq 50^\circ\text{C}$	2.8°C	Qualified
		Combustion time	≤ 20 s	0s	Qualified
		Weight loss	$\leq 50\%$	40.4%	Qualified
Remarks					

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10	Cl- content	≤10%	8.93%	Qualified
11	Radiation nuclide content	Internal irradiation index IRa≤0	Non	Qualified
		External irradiation index Ie≤1.3	≤0.1	Qualified
12	Formaldehyde release	1.5mg/L	0.7mg/L	Qualified
13	Asbestos	-----	No asbestos	-----
14	Blanks below			
15				
16				
17				
Remarks				