

**SOMMA****SOMMA COMPANY LIMITED**

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TECHNICAL SPECIFICATIONS

STT	PROPERTIES	UNIT	CONCRETE PLYWOOD	TESTING METHOD	TEST RESULT
1	Bonding type		Weather & Boil (Proof - WBP)	TCVN 7756	
2	Glue	%	- MF: Melamine Formaldehyde - PF : Phenol Formaldehyde	Melamine: 15% Phenol: 15%	
3	Wood species		Rubber, Acacia, Eucalyptus (Hard core)		
4	Size	mm	910 x 1820mm ; 1220 x 2440mm; 1250 x 2500 ; or as required.		
5	Thickness	mm	12mm; 15mm; 18mm; 21mm; or as required.		
4	Density	Kg/m ³	≥650	TCVN 7756-4: 2007	
5	Moisture content	%		TCVN 7756-3: 2007	7,3
6	Thickness tolerances	mm	± 0,5mm		
7	Abrasive test	Rev	≥300		
8	Thickness swelling	%	(27 ± 2) °C water for 24h	TCVN 7756-5: 2007	4,4
9	Bending strength	Mpa		TCVN 7756-6: 2007	50,4
10	Bonding quality	Mpa		TCVN 7756-9: 2007	
11	Shear strength	Mpa			0,83
12	Percentage of apparent cohesive failure	%			Over 20
13	Tensile strength perpendicular to the plane of the board	Mpa		TCVN 7756-7: 2007	1,50
14	Resistance to axial withdrawal of screws - On surface - On edge	kN		TCVN 7756-11: 2007	- 2,22 - 1,47
15	Usage repetition (2 sides)	Times	- Melamine: 6 to 8 - Phenol: Up to 10	SOMMA's standard	

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Authorized signature