



TECHNICAL DATA SHEET

RS00000175 FD ALUMINUM BOND WHITE MATT / PRIMARY ALU

DIMENSIONS

Item	Range	Standard Size [mm]
Panel thickness	2 - 8 mm	2 , 3 , 4 , 6
Aluminium skin thickness	0,1 - 0,5 mm	0.15 , 0.21, 0.3, 0.4, 0.5
Width	1000 mm - 2000 mm	1000, 1220, 1250, 1500, 1550, 2000
Length	³ 1000 mm	2400, 3050, 3660, 4050

TEST REPORT

Testing Item	Standard	Result
Unit weight	ASTM D792	3 mm = 3.8kg/m ² ; 4 mm = 5.5kg/7 m ²
Thermal expansion	ASTM D696	24 ¢ 28
Thermal deformation temperature	ASTM D648	115 jC
Thermal conduction	ASTM D976	0.102 kcal/ m.hr jC
Flexural rigidity	ASTM C393	140.0 * 10 ⁵
Impact resistance	ASTM D2794 ¢ 93	1.64 kgf
Adhesive strength	ASTM D903	0.77 kg/mm
Flexural elasticity	ASTM D790	4030 kg/mm ²
Shear resistance	ASTM D732	2.7 kgf/mm ²
Combustion expansion coefficient	ASTM E84	QUALIFIED
Perfomance of wind pressure resistance	ASTM E330	PASSED
Properties against water	ASTM E331	PASSED