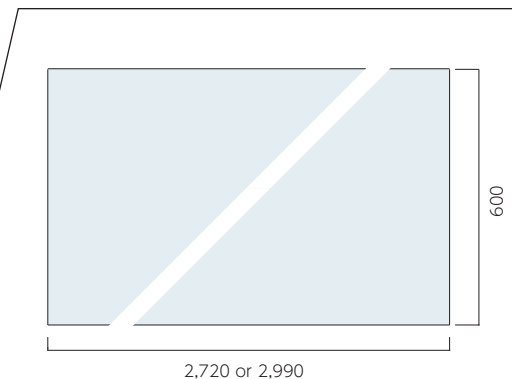
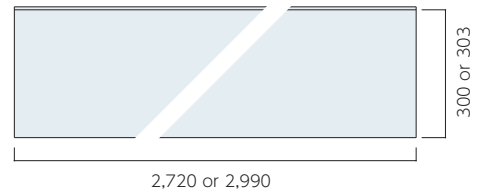


Performance of LAMBDA

Product drawing

weight (kg/pcs)
2,720 2,990

Product Name	Cross-section Drawing	Weight (kg/pcs)		
		2,720	2,990	
ラムダ18シリーズ	ラムダL18-ヨコ		20.4	22.5
	ラムダL18-ヨコ300		20.4	22.5
	ラムダL18-タテ		20.4	22.5
	ラムダL20-8F		20.6	22.7
	ラムダL25-2R		25.0	27.5
	ラムダL25-5S		25.7	28.3
	ラムダL25-10S		25.7	28.3
ラムダ20シリーズ	ラムダ20ヨコP-Y		20.4	22.4
	ラムダ20ヨコP-Y300		20.4	22.4
	ラムダ25-7S20P		21.8	23.9
	ラムダストライプ27P		25.4	27.9
地下屋上専用パネル	ラムダ15ヨコSP-Y		17.2	18.9
	ラムダ15タテSP-Y		18.1	19.9
ラムダワイド	ラムダワイドP		26.8	29.4



Physical characteristics

Test Items	Units	地下屋上専用パネル	18シリーズ	20シリーズ	ワイド	Test Methods	JIS Standard value
Apparent Density	g/cm ³		1.0~1.3				
Fracture bending stress	N/mm ²		18 or more			JIS A 1408	
Allowable bending stress [short term]*1	N/mm ²		12 or more			JIS A 1408	
Young's modulus	N/mm ²		1.2×10 ⁴ or more			JIS A 1408	
Bending fracture load	N	2300	3600	4100	7200	JIS A 5422	15~785mm or more / 18~900mm or more / 21~1000mm or more
Anti Shock Property			Passed			JIS A 5422	No penetrating cracks (W2-500)
Coated Film Adhesion			Passed			JIS A 5422	Peeling area ratio: 5% or less
Weather resistance (painted product)			Passed			JIS A 5422	peeling and bulging area ratio: 2% or less
Freezing and Melting Resistance			300 cycles No abnormality *2			JIS A 5422	200 cycles No abnormality
Moisture content	%		15 or less			JIS A 5422	20 or less
Water Penetration Resistance	mm		5 or less			JIS A 5422	Water reduction height 10 mm or less
Warping due to Absorption of Water	mm		1 or less			JIS A 5422	2 or less
Incombustibility	Pyrogenic Class 1		Passed				
Thermal conductivity	W/m·K(kcal/mh ² ·C)	0.349(0.300)	0.310(0.267)	0.330(0.284)	0.280(0.241)	JIS A 1412	

*1: Long-term allowable bending stress shall be 1/2 of short-term allowable bending stress.

*2: Freezing and thawing test of Lambda Standard Panel

* When there is no indication of more or less than the physical property value, the standard value is shown.

1N/mm²=1MPa=10.2kgf/cm²
1kgf=9.8N