



COMPOSITE DECKING

ALUMINIUM JOIST - 38 X 38 X 3000MM

SPECIFICATION SHEET

PRODUCT DESIGN	INFORMATION
Thickness	1.5mm
Width	38 x 38mm
Length	3000mm
Manufactured Composition	6063-T6 aluminium alloy, the surface treatment is anodised.
Maximum Centres	400mm
Pedestal Location	Every 700mm along joists
Pallet Configuration	324 Pieces per pallet
Ti / Hi	27 Boards per layer, 12 layers high

Test Result for Aluminum Joist

Sample Description		Model No:	
Date of Test	2021-10-11	Test Person	Jane
Test Temperature	25	Test Humidity	50
Width of Test Sample(mm)	38	Thickness of Test Sample(mm)	38
Joist Distance(mm)	700	Sectional Area(mm ²)	1444.00
Proof Stress(N)	4110.0	Static Bending Strength(MPa)	78.65
Force Increment(N)	698.7	Bending Increment(mm)	1.38
Slope	506	Modulus of Elasticity(MPa)	20809

Force-Bending Deviation Curve

