



KUIPER

HOLLAND

PRODUCT DATA SHEET

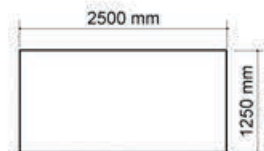
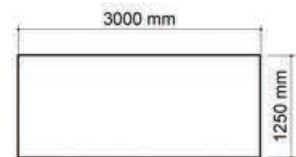


KUIPER AIR - LUXBOARD A ALU SANDWICH

DIMENSION: 250 X 125 CM
 DENSITY CORE: 20 - 80 KG/M³
 THICKNESS: 10 - 15 - 20 - 25 MM
 1 MM ALU TOP LAYER - LIGHTWEIGHT

EXAMPLE	Panel's weight Ø6 56kg/m ³ (Ø 1/4")							
	<ul style="list-style-type: none"> • Thickness starting from 4 mm to 150 mm • Thickness' tolerance ± 0,3 mm • Dimension's tolerance ± 30 mm 							
	Total thickness mm	6	15	10	15	20	25	
	SKINS' thickness mm	0,5 + 0,5		1 + 1				
	CORE'S thickness mm	5	14	8	13	18	23	
Weight kg/m ²	3,2	3,8	6,25	6,53	6,81	7,09		

Standard dimensions (other dimensions available on request)
 Dimension tolerance ±30mm



Honeycomb core's properties		50 Microns			
Type	ALUMINIUM ALLOY 3003/3103/3104				
Ø honeycomb in mm	6	9	12	19	
Ø honeycomb in inches	1/4"	3/8"	1/2"	3/4"	
Density Kg/m ³	56 - 59	39 - 40	29 - 30	20 - 21	
Compressive stabilised strength MPa	3,0 - 3,5	1,4 - 1,95	0,8 - 0,95	0,4 - 0,6	

Honeycomb core's properties		70 Microns			
Type	ALUMINIUM ALLOY 3003/3103/3104				
Ø honeycomb in mm	6	9	12	19	
Ø honeycomb in inches	1/4"	3/8"	1/2"	3/4"	
Density Kg/m ³	80 - 83	54	40 - 42	27 - 29	
Compressive stabilised strength MPa	4,3 - 4,6	2,5 - 2,6	1,41 - 1,5	0,85 - 0,9	



Aluminium honeycomb