



KUIPER
HOLLAND

PRODUCT DATA SHEET



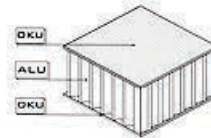
KUIPER OKU-ALU LIGHTWEIGHT SANDWICH

OKOUME - ALU HONEYCOMB - OKOUME
DIMENSION: 248X120 - 300X150 CM
CORE: 20-80 KG/M3

HONEYCOMB CORE PROPERTIES	50 MICRONS			
Aluminium alloy series 3000 ***	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 PROPERTIES	70 MICRONS			
Aluminium alloy series 3000***	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

*** To Aluminium alloy series 3000 belong: Aluminium alloy 3003, Aluminium alloy 3103, Aluminium alloy 3104



OKU SKINS IN MARINE PLYWOOD* quality Okoumè
Thickness: from 1,5 to 8 mm

ALU ALUMINIUM HONEYCOMB
with hexagonal cells (Alloy series 3000***)
Diameter: Ø1/4", Ø3/8", Ø1/2", Ø3/4"
Thickness Foil: from 50 to 70 microns

OKU SKINS IN MARINE PLYWOOD* quality Okoumè
Thickness: from 1,5 to 8 mm

OKU - ALU Panel's composition

SKINS IN MARINE PLYWOOD* quality Okoumè
Thickness: from 1,5 to 8 mm

CORE (for more information see data sheet)
Aluminium honeycomb with hexagonal cells
Diameter: Ø1/4", Ø3/8", Ø1/2", Ø3/4"
Thickness Foil: from 50 to 70 microns

