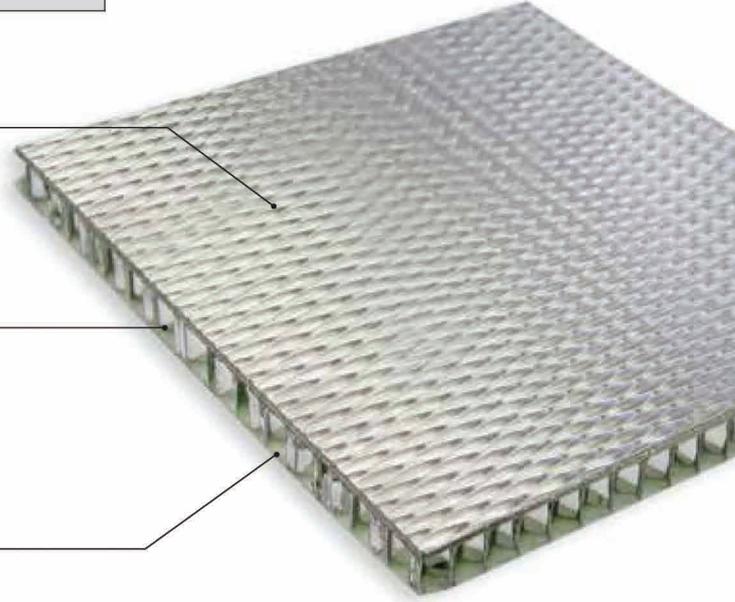


SS - ALU Honeycomb Panel

Panel's composition

DECORATIVE NATURAL STAINLESS STEEL SS 304-
Thickness: from 0.5 mm to 1 mm
Finish: Hairline, No. 4, Mirror & Natural available

CORE
 Aluminium honeycomb (Alloy 3003)
 with hexagonal cells
Cell Size [D] mm: 6,9,12,19,25
Density: from 20 to 85 Kg/m³



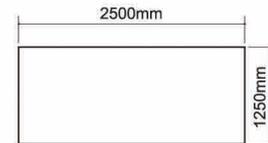
On request:- Different types of decorative natural stainless steel
 - Different types of stainless steel with decorative colors/finish

Panel's weight

- Honeycomb core ALU 6mm

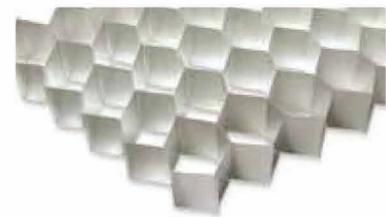
Total thickness mm	10	15	20	25	30
SKINS' thickness mm	0.8 + 0.8				
CORE'S thickness mm	8.4	13.4	18.4	23.4	28.4
Weight kg/m ²	11.4	11.6	11.9	12.2	12.4

Standard dimensions (other dimensions available on request)



Honeycomb core's Properties

Type	ALUMINIUM ALLOY 3003				
Effective Temperature Range °C	From - 50 to + 175				
Cell Size mm [D]	6	9	12	19	25
Density [kg/m ³]	85	54	38	30	20
Compressive Bare Strength [kg/mm ²]	0.47	0.26	0.14	0.09	0.05
Crush Strength [kg/mm ²]	0.19	0.08	0.05	0.03	0.02
Bonding Strength [kg/mm ²]	36	28	26	21	19
Compressive Stabilised Strength [kg/mm ²]	0.50	0.27	0.15	0.09	0.06
Compressive Stabilised Modulus [kg/mm ²]	111	67	31	18	12



Aluminium honeycomb