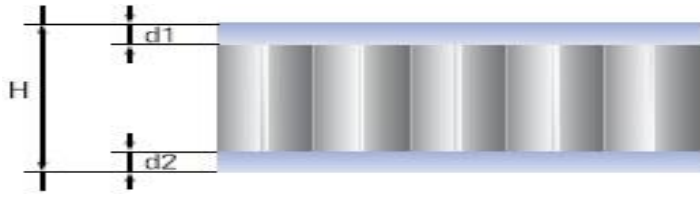


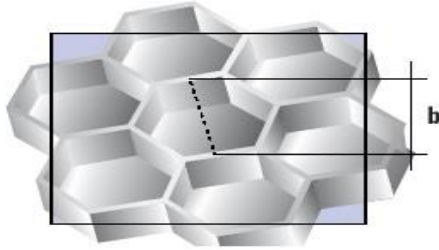
Honeycomb Plates Specifications

1. MATERIAL

Standard Thickness [mm]		H	6	8	10	15	20	25	30
Cover Sheet Thickness, Upper Plate	mm	d1	1.0						
Cover Sheet Thickness, Lower Plate	mm	d2	1.0						
Weight	kg/m ²		6.4	6.5	6.6	6.7	6.9	7.1	7.2



Core			
Compressive Strength	N/mm ²		Approx. 2.2
Cell Size	mm	b	10.4
Foil Thickness	μ		50



Technical Properties		
Cover Sheet Material (Accord to EN 485-2 / EN 1396:2007)		Al 5754 H22
Modulus Of Elasticity	N/mm ²	70000
Tensile Strength OF Cover Sheets (R _m)	N/mm ²	226.4
0.2% Proof Stress R _{p0,2}	N/mm ²	137.7
Elongation	%	27.4
Linear Thermal Expansion		2.4 mm/m at 100°C Temperature Difference

FABRİKA

Kaymakam A. Galip Kaya Cad.

No:12 Büğdüz, 06750

Akyurt/ANKARA

+90 (312) 354 16 16

+90 (312) 844 32 91

Surface		
Paintability		Natural / one or both sides PVDF coating (when minimum order quantity)

Acoustical Properties								
Sound Absorption Factor		0.05						
Air-Borne Sound insulation index (Accord. To ISO 717-1, ISO 140-3)		21	21	21	22	23	25	27

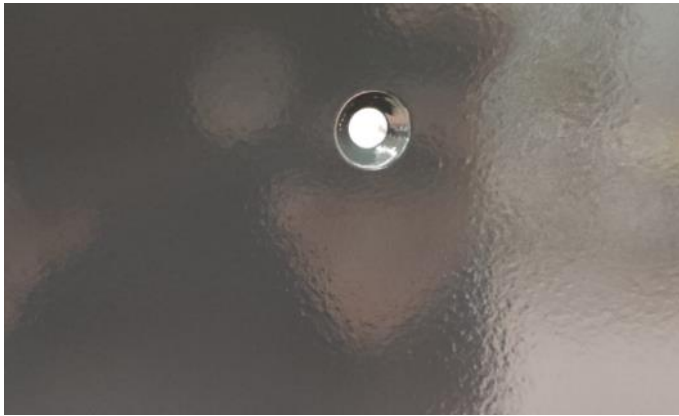
Thermal Properties								
Thermal Conductivity (depends on total panel thickness incl. Cover sheets)		0.95	1.02	1.35	1.78	2.25	2.7	3.05
Thermal Resistance		0.0063	0.0066	0.0074	0.0084	0.0089	0.0093	0.0097
Heat Transition Coefficient		5.67	5.66	5.64	5.61	5.59	5.58	5.57
Temperature Resistance		-40 to +80						

2. PRODUCTION

2.1. SIZE LIMITS

Maximum Plates Dimensions: 1500 mm x 3000 mm

2.2. HOLE OPERATIONS



It is Possible to Hole

FABRİKA

Kaymakam A. Galip Kaya Cad.

No:12 Büğdüz, 06750

Akyurt/ANKARA

+90 (312) 354 16 16

+90 (312) 844 32 91



It is possible to countersink

2.3. THICKNESS SIDE OF PLATES



Can Be Filled With Steel Sheet

Thickness sides can be 45 degree edge with cnc machining

3. PRICING


Prices will be determined according to plates sizes and quantity of order.


FABRİKA

 Kaymakam A. Galip Kaya Cad.

No:12 Büğdüz, 06750

Akyurt/ANKARA

 +90 (312) 354 16 16

 +90 (312) 844 32 91