

DATA SHEET FLAT SANDWICH PANEL

INSULATION THICKNESS		50		100	
		ALLOWABLE SPAN			
		Alum	Steel	Steel	Steel
TOP SHEET THICK	0.5	2625	3125	3725	4425
	0.6	3025	3820	4275	5350
	0.7	3225	3975	4525	5575
THERMAL CONDUCTIVITY		0.41		0.21	

GENERAL FEATURE

A) Mechanical Characteristics of the foam (At Overall Density of 35 - 37 kg/m²)

Tensile Stress	:	150 kpa
Compression resistance	:	100 kpa
Shear resistance	:	100 kpa
Fire property	:	B3 as per DIN 4102 (B2 upon Request)

Pu Thickness	w/m ²
25mm	0.76
35mm	0.54
50mm	0.38
75mm	0.29
100mm	0.19

B) Insulation Capacity

- K value (Thermal Conductivity of PU) - 0.022 W/mk
- Tolerance + /-0.002

B) Water absorption of the foam

- After 24 hours : 1.0% of Volume

APPLICATION

Wall and various cold room applications