

DATA SHEET SANDWICH PANEL

INSULATION THICKNESS		50		75		100	
		ALLOWABLE SPAN					
		Alum	Steel	Alum	Steel	Alum	Steel
TOP SHEET THICK	150 kpa	2425	2700	3000	3350	4100	4600
	0.6	2650	2900	3350	3600	4200	4850
	0..7	2800	3100	3500	3950	4400	5150
THERMAL CONDUCTIVITY		0.33		0.21		0.18	

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)

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

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

APPLICATION

Roof and Wall Cladding