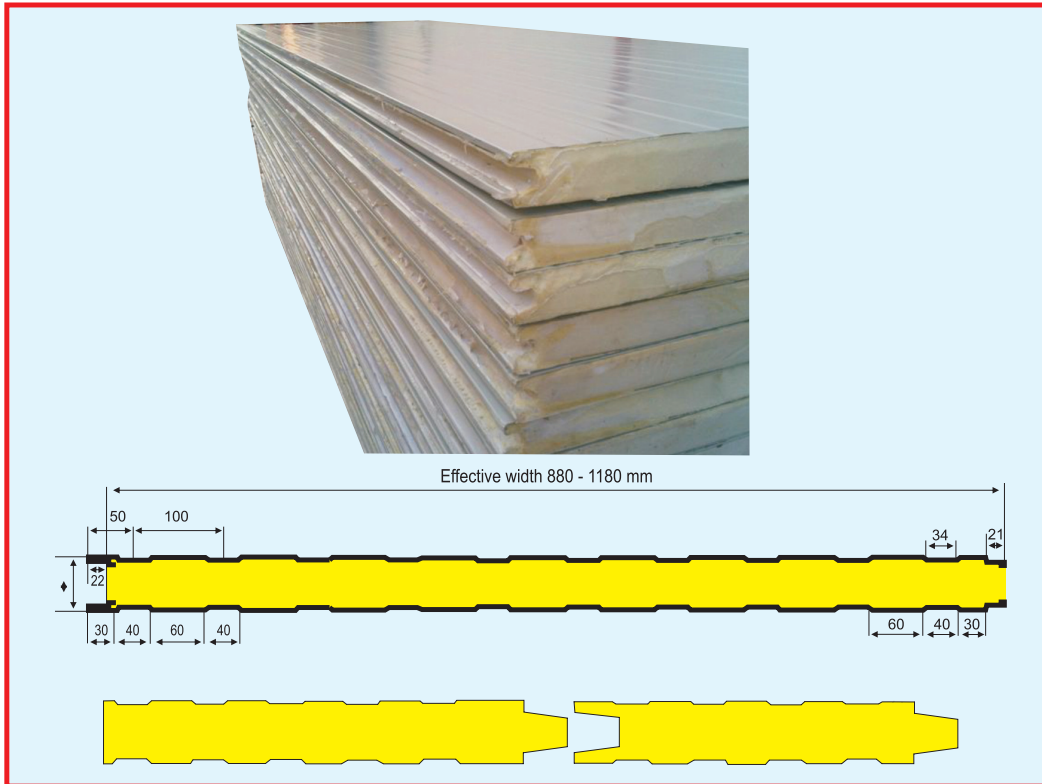


DANA FLAT PANEL (TONGUE AND GROOVE TYPE) - DFP

Application : Wall Sheet



Polyurethane Properties

General Feature

a. Mechanical Characteristic of the foam (at Overall Density of 35 - 37 kg/m³)

- Tensile stress : 150 kpa
- Compression resistance : 100 kpa
- Shear resistance : 150 kpa
- Fire Property : B3 as per DIN 4102 (B2 & PIR upon request)

b. Insulation Capacity

- K Value (Thermal conductivity of PU) - 0.022 W/mk
- Tolerance +/- 0.002

c. Water absorption of the foam

- after 24 hours : 1.0 % of volume

d. Closed Cells : -93%

Polyurethane Core Thickness (mm)		T = 35	T = 40	T = 50	T = 60	T = 70	T = 80	T = 90	T = 100
Overall Heat Transfer Coefficient "U" Value	W/M ² °C	0.6000	0.525	0.420	0.350	0.300	0.280	0.262	0.210
	KCAL/M ² h °C	0.516	0.451	0.361	0.301	0.258	0.241	0.225	0.181
	BTU / Ft ² h °F	0.106	0.092	0.074	0.062	0.053	0.049	0.046	0.037