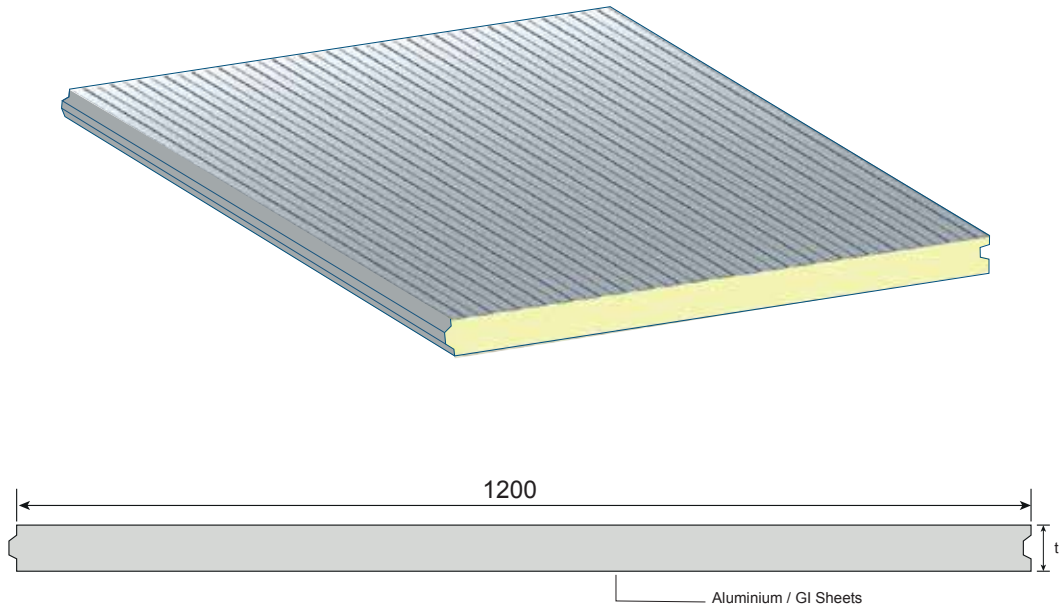


SANDWICH PANEL ~ EK FLAT



General Characteristics

- a. Mechanical Properties of PU Foam
(At Overall Density of 35 - 38 Kgs/M³)
 - Tensile Strength : 150 kpa
 - Compression Resistance : 100 kpa
 - Shear resistance : 100kpa
 - Fire Property : B3 as per DIN 4102
(B2 upon request)
- b. **Insulation**
K Value (Thermal Conductivity of PU) – 0.022 W/mK (Tolerance +/- 0.002)
- c. **Water Absorption of PU Foam**
After 24 Hours : 1.00% of Volume.
- d. **Closed Cell Content** : 92 % Minimum

PU Thickness in MM(t)	50	100
U-Value in W/m² K	0.48	0.23