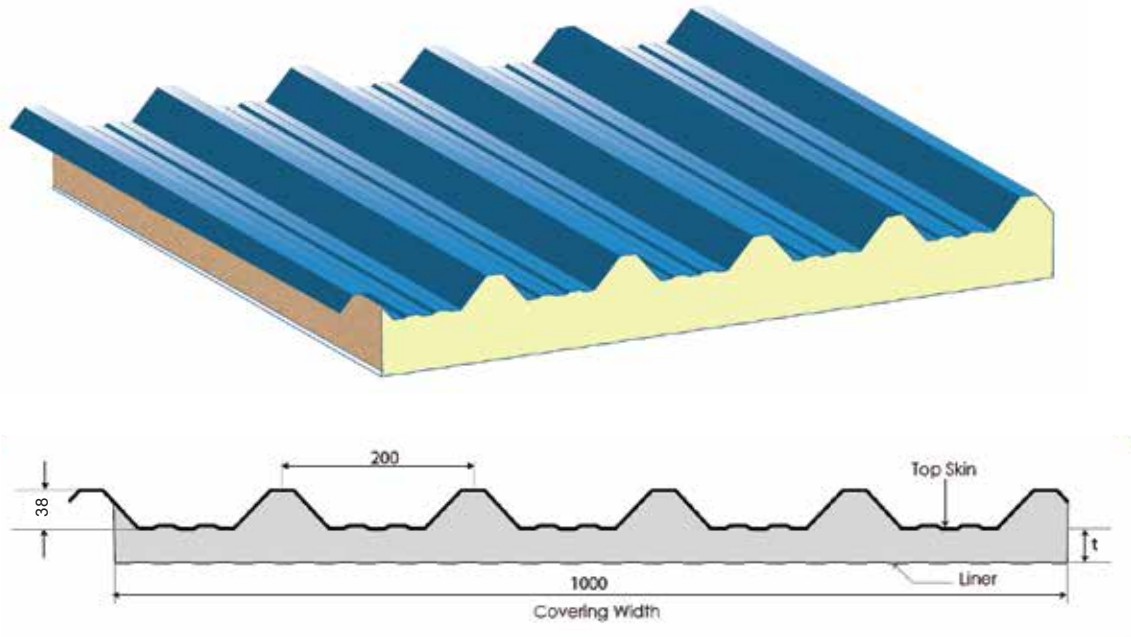


## SANDWICH PANEL ~ EK 38 / 200



### General Characteristics

- a. Mechanical Properties of PU Foam  
(At Overall Density of 35 - 38 Kgs/M<sup>3</sup>)
  - 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	75	100
U-Value in W/m <sup>2</sup> K	0.39	0.27	0.21