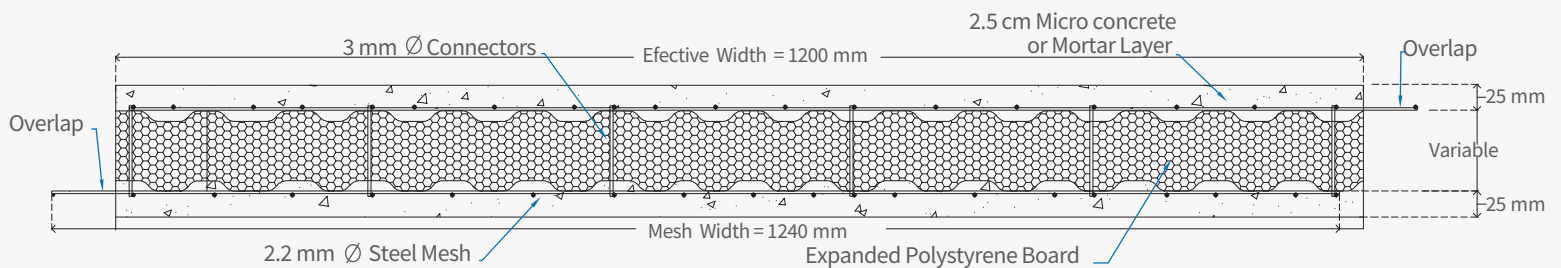


The **FANOSA® Construpanel** building system is ideal for modern construction due to its versatility and sustainability. Although being lightweight, it is wind-resistant and can withstand both heavy loads and earthquakes. A wide variety of finishes can be applied as well. Besides these characteristics, the Construpanel system is fast and economical.

### THERMAL RESISTANCE (Expanded Polystyrene)

PANEL THICKNESS	FINISHED WALL THICKNESS (cm)	THERMAL RESISTANCE $m^2K/W$ ( $^{\circ}F \cdot h \cdot ft^2 / Btu$ )
2"	10.08	1.07 (6.07)
3"	12.62	1.61 (9.17)
4"	15.16	2.15 (12.26)

### STRUCTURAL CONSTRUPANEL

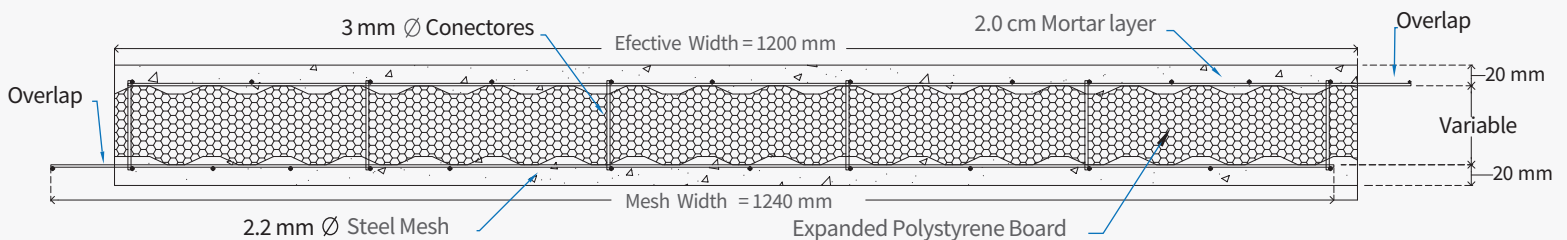


STEEL MESH	
Longitudinal Steel	20 wires of 2.2 mm $\varnothing$ per each side of panel $\varnothing$ 2.2 mm (0.82 $cm^2/ml$ ).
Transversal Steel	22 wires of 2.2 mm $\varnothing$ per each side of panel (0.44 $cm^2/ml$ ).
Connecting Steel	3.0 mm $\varnothing$ (45 per $m^2$ )

CHARACTERISTICS OF THE STEEL	
Normal yield stress	$F_y = 6,000 \text{ kg/cm}^2$

CHARACTERISTICS OF THE BOARD	
Polystyrene board density	8 $kg/m^3$
Polystyrene board thickness	2", 3", 4" (other thickness on special order)
Finished wall thickness	10.08 cm, 12.62 cm, 15.16 cm

### PARTITION WALL CONSTRUPANEL



STEEL MESH	
Longitudinal Steel	13 wires of 2.2 mm $\varnothing$ per each side of panel (0.53 $cm^2/ml$ )
Transversal Steel	22 wires of 2.2 mm $\varnothing$ per each side of panel (0.44 $cm^2/ml$ )
Connecting Steel	3.0 mm $\varnothing$ (45 per $m^2$ )

CHARACTERISTICS OF THE STEEL	
Normal yield stress	$F_y = 6,000 \text{ kg/cm}^2$

CHARACTERISTICS OF THE BOARD	
Polystyrene board density	8 $kg/m^3$
Polystyrene board thickness	2", 3", 4" (other tickness on special order)
Finished wall thickness	9.08 cm, 11.62 cm, 14.16 cm