

INSULATION VALUES

K,U = OVERALL HEAT TRANSFER COEFFICIENT

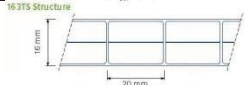
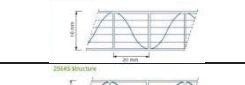
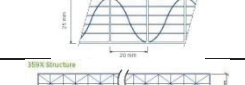
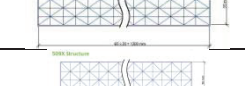


R = OVERALL THERMAL RESISTANCE CONVERSION

K-VALUE [W/m² °C] x 0.17611 = U-FACTOR [BTU/h ft² °F]

$$U \times 5.68 = K \qquad R = \frac{1}{U} \qquad U = \frac{1}{R}$$

The unit conversion from W/m² °C to BTU/h ft² F is 1 W/m² °C is equal to 0.17611 BTU/h ft² °F or 1/5.678269 BTU/h ft² °F

EXAMPLES:

product		<u>K-VALUE</u> W/m ² °C	<u>U-FACTOR</u> BTU/h ft ² °F	<u>R</u> h ft ² °F/BTU
16mm		2.27	0.40	2.50
16mm		1.84	0.324	3.09
25mm		1.45	0.255	3.92
35mm		1.187	0.209	4.78
50mm		0.982	0.173	5.78
Thermoclick 40mm		1.412	0.248	4.02