TYPICAL U-VALUES

U-VALUES WITH RAILS AT 1.20m SPACINGS

USING FACTORYCLAD ROLL 40

	U-value (W/m²K)
Thickness (mm)	Rails at 1.20m spacings
220	0.21
200	0.22
180	0.25
160	0.28
140	0.32

Note: Generic rail and bracket U-value calculations can be provided by our Technical Support Team, however, for proprietary rail and bracket systems and all standing seam systems, the system manufacturer should be consulted for project specific U-value calculations.

USING FACTORYCLAD ROLL 32

	U-value (W/m²K)
Thickness (mm)	Rails at 1.20m spacings
160 (2x80)	0.22

Note: Generic rail and bracket U-value calculations can be provided by our Technical Support Team, however, for proprietary rail and bracket systems and all standing seam systems, the system manufacturer should be consulted for project specific U-value calculations.

NOTE: The above tables should be used for guidance only.

Due to the complex nature of heat flow through these systems (due to the way they are assembled) it is not possible to calculate U-values using the normal simplified methods.

Our Technical Support Team can calculate the specification of insulation needed to achieve specific U-values (including the effect of thermal bridging for simple rail and bracket systems) but normally one would consult the system manufacturer, which is also the case for standing seam systems.