

## Kalzip with liner using E clips

The use of E clips means that the cover width of the Kalzip sheet has no effect on the overall system performance.

**E180 clips and thermal conductivities**  
( $\lambda_{90/90}$  - values of 0.040 W/mK to 0.032 W/mK).

### U-values (W/m<sup>2</sup>K)

#### Kalzip liner roof system with E180 clips

$\lambda_{90/90}$ value (W/mK)	Kalzip 65/400 with TR35/200	Kalzip 65/305 with TR30/152 Kalzip 65/500 with TR30/167	Kalzip 50/429 with TR35/215	Kalzip 50/333 with TR30/167
	145mm thick	150mm thick	160mm thick	165mm thick
0.040	0.27	0.26	0.24	0.23
0.037	0.25	0.24	0.22	0.22
0.035	0.23	0.23	0.21	0.20
0.032	0.21	0.21	0.19	0.19

For information on U-values with Kalzip liner using E clips and spacer please contact the Kalzip technical department.

## Kalzip with decking using E clips

**Various E clips and thermal conductivities**  
( $\lambda_{90/90}$  - values of 0.040 W/mK to 0.032 W/mK).

### U-values (W/m<sup>2</sup>K)

#### Kalzip deck roof system with E clips

$\lambda_{90/90}$ (W/mK)	value Kalzip 65	E140 Clip Kalzip 50	Kalzip 65	E160 Clip Kalzip 50	Kalzip 65	E180 Clip Kalzip 50
	140mm thick	155mm thick	160mm thick	175mm thick	180mm thick	195mm thick
0.040	0.27	0.25	0.24	0.22	0.22	0.20
0.037	0.25	0.23	0.22	0.21	0.20	0.18
0.035	0.24	0.22	0.21	0.19	0.19	0.18
0.032	0.22	0.20	0.19	0.18	0.17	0.16

For information on U-values with Kalzip decking using E clips and spacer please contact the Kalzip technical department.

#### Notes:

Figures in red denote the values established, are not compliant with ADL2.

All U-value calculations are affected by clip frequencies, sheet lengths, insulation types and actual purlin positions. The information contained in this document is for guidance only, for accurate calculations please refer to the Kalzip technical department.