

## Thermal properties of the SIP panels

| SE SIP Panel with OSB TOP4 15mm |       | Thermal resistance<br>$R=(m^2.K/W)$ | Thermal resistance beams<br>included $R=(m^2.K/W)$ |
|---------------------------------|-------|-------------------------------------|--|
| SE SIP 110                      | EPS   | 2,18                                | 1,87   |
|                                 | GrEPS | 2,66                                | 2,18   |
|                                 | PIR   | 3,43                                | 2,62   |
| SE SIP 170                      | EPS   | 3,65                                | 3,08   |
|                                 | GrEPS | 4,47                                | 3,60   |
|                                 | PIR   | 5,83                                | 4,35   |
| SE SIP 210                      | EPS   | 4,62                                | 3,88   |
|                                 | GrEPS | 5,69                                | 4,55   |
|                                 | PIR   | 7,43                                | 5,50   |
| SE SIP 270                      | EPS   | 6,08                                | 5,09   |
|                                 | GrEPS | 7,50                                | 5,96   |
|                                 | PIR   | 9,83                                | 7,22   |

| SE SIP Panel with WIDIWALL 15mm |       | Thermal resistance<br>$R=(m^2.K/W)$ | Thermal resistance beams<br>included $R=(m^2.K/W)$ |
|---------------------------------|-------|-------------------------------------|--|
| SE SIP 110                      | EPS   | 2,05                                | 1,72   |
|                                 | GrEPS | 2,52                                | 2,02   |
|                                 | PIR   | 3,30                                | 2,44   |
| SE SIP 170                      | EPS   | 3,51                                | 2,93   |
|                                 | GrEPS | 4,34                                | 3,43   |
|                                 | PIR   | 5,70                                | 4,16   |
| SE SIP 210                      | EPS   | 4,49                                | 3,73   |
|                                 | GrEPS | 5,55                                | 4,38   |
|                                 | PIR   | 7,30                                | 5,31   |
| SE SIP 270                      | EPS   | 5,95                                | 4,93   |
|                                 | GrEPS | 7,37                                | 5,79   |
|                                 | PIR   | 9,70                                | 7,30   |