

| Technical Data – Cassius | |
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| Minimum roof pitch | 22.5° |
| Headlap (minimum) | 75 mm |
| Headlap (maximum) | 120 mm |
| Batten spacing at maximum gauge | 343 mm |
| Batten spacing at minimum gauge | 298 mm |
| Size of tile | 418 x 335 mm |
| Covering capacity at maximum gauge | 9.5 tiles per m ² |
| Cover width | 307 mm |
| Profile depth | 16 mm |
| Hanging length | 390mm |
| Weight as laid | 38.0 kg per m ² |
| Weight per 1000 (including pallet & packaging) | 4.185 tonnes |
| Weight per tile | 4.04 kg |
| Weight per pallet (including pallet & packaging) | 1.005 tonnes |
| Quantity per pallet | 240 |
| Quantity per row/band | 40 |
| Quantity per mini pack | 5 |
| Quantity per layer | 120 |
| Mini packs per row | 8 |
| Battens per m ² | 2.9 m |
| Batten size - up to 450 mm rafter centres | 38 x 25mm |
| Batten size - up to 600 mm rafter centres | 50 x 25mm |
| Nail size/type for tiles | 45 x 3.35 mm aluminium ring shank clout head |
| Nail size/type for metal tile clips | 55 x 3.35 mm aluminium ring shank clout head |

Product specification is subject to change and will be updated accordingly

For projects where the rafters are below the minimum recommended roof pitch please contact Sandtoft Technical Services for advice. **Rafter length restrictions** apply at minimum roof pitch.

Clay tiles are subject to small variations in size because of drying and firing shrinkage in the manufacturing process. Before deciding on the batten gauge and linear coverage, the roof tiler should inspect each batch of tiles to ensure that the correct minimum headlap and sidelap are achieved. For further guidance, download the [Cassius Installation Guide](#).

Note: unless otherwise stated, data is based on the tiles laid at minimum headlap.

Tile Fixing

Sandtoft roof tiles must be laid and fixed to comply with BS 5534: the British Standard Code of practice for slating and tiling, and BS 8000: Part 6: the British Standard Code of practice for workmanship on building sites.

To ensure compliance with these Standards we strongly recommend that a calculated fixing specification be obtained from Sandtoft Technical Support or using Sandtoft's online FixSPEC tool at www.wienerberger.co.uk or www.roofspec.co.uk

For further information go to www.wienerberger.co.uk or contact Sandtoft Technical Support on 0844 9395 999.