

Fixings play a critical role in the long-term performance, appearance and warranty of Briarwood metal roof and wall systems. This schedule sets out the standard fixing types recommended for our steel profiles, including their typical substrates, minimum lengths, head/washer configuration and intended use. It is intended as a quick reference for contractors, designers and merchants to help ensure that the correct fixings, washers and colour-matched caps are selected and installed in accordance with Briarwood's technical guidance, relevant standards and site-specific engineering requirements.

## Corrugated Profiles

13/3, 10/3 & 8/3

| Purlin type          | Minimum length | Head/Washer                   | Fixing material                                          |
|----------------------|----------------|-------------------------------|----------------------------------------------------------|
| Timber               | 60 mm          | Hex head, 16mm sealing washer | Carbon steel<br>(Stainless steel available upon request) |
| Light section steel  | 38 mm          | Hex head, 16mm sealing washer | Carbon steel<br>(Stainless steel available upon request) |
| Heavy section steel  | 38 mm          | Hex head, 16mm sealing washer | Carbon steel<br>(Stainless steel available upon request) |
| Stitcher/lap fixings | 22 mm          | Hex head, 16mm sealing washer | Carbon steel<br>(Stainless steel available upon request) |

## Box Profiles

32/1000

| Purlin type          | Minimum length | Head/Washer                   | Fixing material                                          |
|----------------------|----------------|-------------------------------|----------------------------------------------------------|
| Timber               | 32 mm          | Hex head, 16mm sealing washer | Carbon steel<br>(Stainless steel available upon request) |
| Light section steel  | 25 mm          | Hex head, 16mm sealing washer | Carbon steel<br>(Stainless steel available upon request) |
| Heavy section steel  | 38 mm          | Hex head, 16mm sealing washer | Carbon steel<br>(Stainless steel available upon request) |
| Stitcher/lap fixings | 22 mm          | Hex head, 16mm sealing washer | Carbon steel<br>(Stainless steel available upon request) |

All fixings listed are carbon steel as standard. For coastal, agricultural or aggressive environments, refer to Briarwood's Material Compatibility and Guarantee documents and consult Briarwood Technical about the use of stainless steel fixings.

Fixings must always be installed using cold methods. Do not use angle grinders or hot-cutting discs. Remove all swarf and drilling debris from sheet surfaces immediately after installation.

Fixing quantity and spacing must be determined from Briarwood span/load data and/or the project engineer's design.