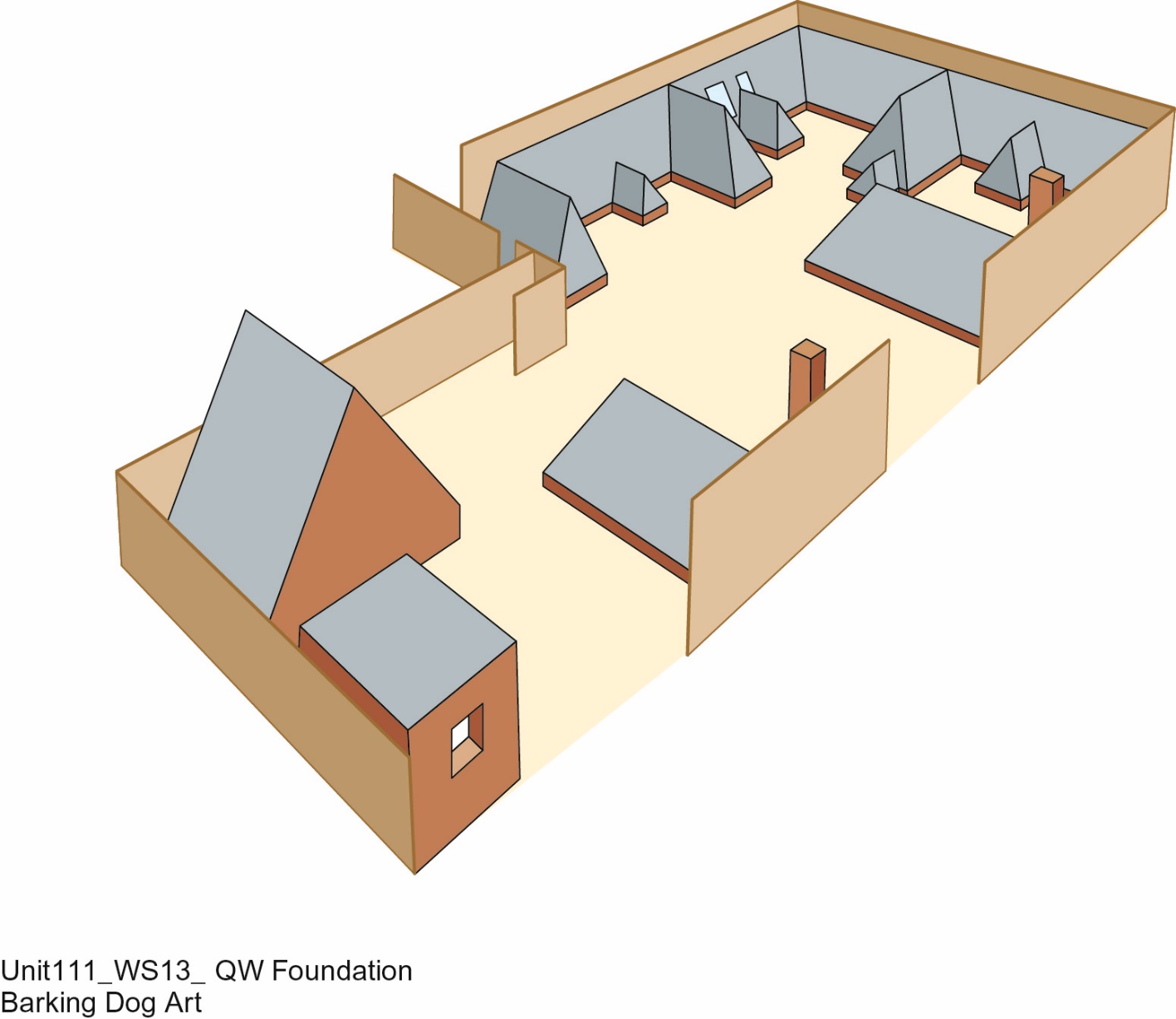
Unit 111: Roofing occupations

# Worksheet 13: Install roofing backgrounds and components

## Task instructions

* Prepare working area, ensure safe, to accommodate the application of interlocking tiles.
* Set first course with 50mm overhang at the eave.
* Apply all softwood battens to an equal gauge, ensuring headlap is maintained throughout. Fix with 65mm galvanised nails at each rafter.
* Calculate the overhang at each verge, within recommendations (50mm to 38mm).



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| **Backgrounds and components:** Install underlay, battens and related background materials | | | |
| **Area of work: Various** | **Achieved** | | **Comments** |
| **Yes** | **No** |
| Programme of work agreed with supervisor/trainer.  Select appropriate resources for task. |  |  |  |
| Conditions provided by the training centre were satisfactory. Select appropriate resources for task. |  |  |  |
| Ridge felt support trays and vent fitted to manufacturer’s instructions (150mm side laps unless stated). |  |  |  |
| Underlay set back from exposed edge of rigid felt support trays 0–10mm. |  |  |  |
| Horizontal laps on underlay including top edge, 150mm minimum (no side lapping required). |  |  |  |
| Minimum upstand for underlay at abutment 100mm. |  |  |  |
| Undercloak cut neatly and positioned accurately at 40mm overhang +/-2mm, securely fixed throughout.  Mix mortar correctly. |  |  |  |
| All batten positions marked and struck with chalk or red lines prior to battening. |  |  |  |
| Eaves batten positions is fixed to allow 50mm tile overhang over fascia +/- 5mm. Batten at ridge set to give at least minimum lap. |  |  |  |
| Battens (including at least two joints) are securely fixed throughout with ends set back 50mm from leading edge of undercloak +/- 5mm. |  |  |  |
| Fix dry ridge components to manufacturer’s instructions to receive ridge tiles. |  |  |  |
| Ensure safe use and maintenance of:   * hand tools * portable power tools * ancillary equipment |  |  |  |
| Work carried out in agreed time. |  |  |  |
| Work carried out safely. |  |  |  |
| Work area protected and surrounding area left tidy. |  |  |  |

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| **Interlocking tiles:** Install underlay, battens and related background materials | | | |
| **Area of work: Various** | **Achieved** | | **Comments** |
| **Yes** | **No** |
| Programme of work agreed with supervisor/trainer  Select appropriate resources for task. |  |  |  |
| Conditions provided by the training centre were satisfactory. Select appropriate resources for task. |  |  |  |
| Ridge felt support trays and vent fitted to manufacturer’s instructions (150mm side laps unless stated). |  |  |  |
| Underlay set back from exposed edge of rigid felt support trays 0-10mm. |  |  |  |
| Comb fillers securely fixed along full length of eaves to suit tile profile (if required by manufacturer) |  |  |  |
| Horizontal laps on underlay including top edge, 150mm minimum (no side lapping required) |  |  |  |
| Minimum up stand for underlay at abutment 100mm |  |  |  |
| Undercloak cut neatly and positioned accurately at 40mm overhang +/-2mm, securely fixed throughout.  Mix motor correctly. |  |  |  |
| Verge units installed to manufacturer’s instructions. |  |  |  |
| All batten positions marked and struck with chalk or red lines prior to battening. |  |  |  |
| Eaves batten positions is fixed to allow 50mm tile overhang over fascia +/- 5mm. Batten at ridge set to give at least minimum lap.  Batten gauges are even +/- 3mm (without exceeding the maximum gauge) finishing parallel (+/- 5mm) to the top edge with 30–40mm clearance. |  |  |  |
| Ensure safe use and maintenance of:   * hand tools * portable power tools * ancillary equipment |  |  |  |
| Work carried out in agreed time. |  |  |  |
| Work carried out safely. |  |  |  |
| Work area protected and surrounding area left tidy. |  |  |  |