

Roof Slating and Tiling 2025 Heats Drawing and Specification

Natural Slates: Cut Valley and 1/3 round bedded / pointed hip tiles

Roof pitch
35 - 45 degrees

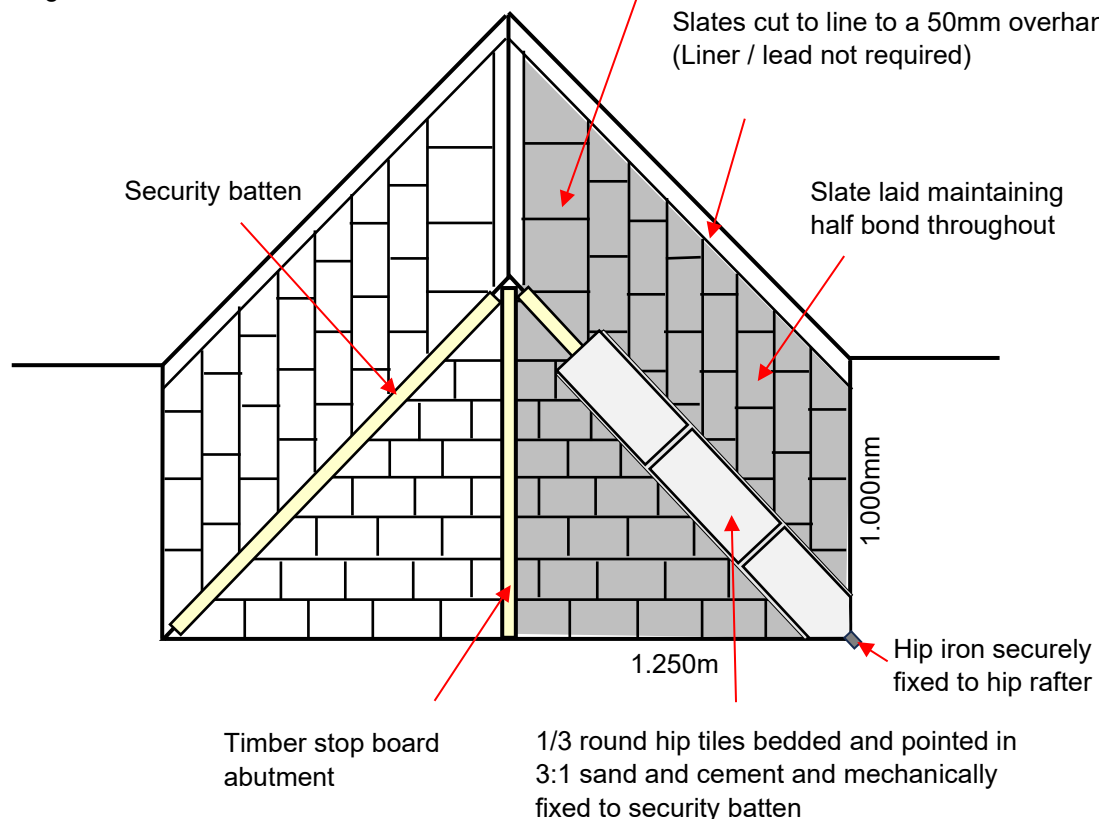
Rafter length no less than
1.5m

8 full courses of slates to be installed
– Adjustments to ridge and toppers
not required

Slates cut to line to a 50mm overhang
(Liner / lead not required)

Security batten

Slate laid maintaining
half bond throughout



Note: Either/both sides of the rig may be used and raking battens may be used to simulate a valley where necessary. Rigs should be labelled by letter or number only with names omitted. Competitors should draw lots for rigs.

Centers should keep within these dimensions to ensure consistency across the heats. Where this is not possible, any adjustments should be agreed with the SkillBuild appointed judge before the heat is confirmed

Instructions

Install 5U felt, underlay, 50mm x 25mm timber battens
(valley liner not required)

Install Natural Slates to the areas indicated. It is not necessary to reach the ridge / apex. Use half slates at the abutment to maintain bond.

All slate cutting must be done using hand tools only.

Measure, cut and install soakers to abutment,

Soaker size Gauge + Lap + 25mm (length) and 175mm (width)

Felt, DPC or similar may be used as a substitute for code 3 lead.

Fixing Specification

Slates will arrive pre-holed to allow more time to complete the slating work and must be twice nailed with copper clout nails (10mm head size)

5u felt to give a 50mm overhang to eaves and valley, with roof underlay laid to a slight sag and securely fixed with clout nails (not staples), Felt to be lapped 150mm horizontally and finished parallel to one side of the hip with a 150mm overlap.

Position and fix a security batten to hip line

Position and fix hip iron to foot of hip, cut bottom hip tile in line with eaves. Bed and point three 1/3 round hip tiles.

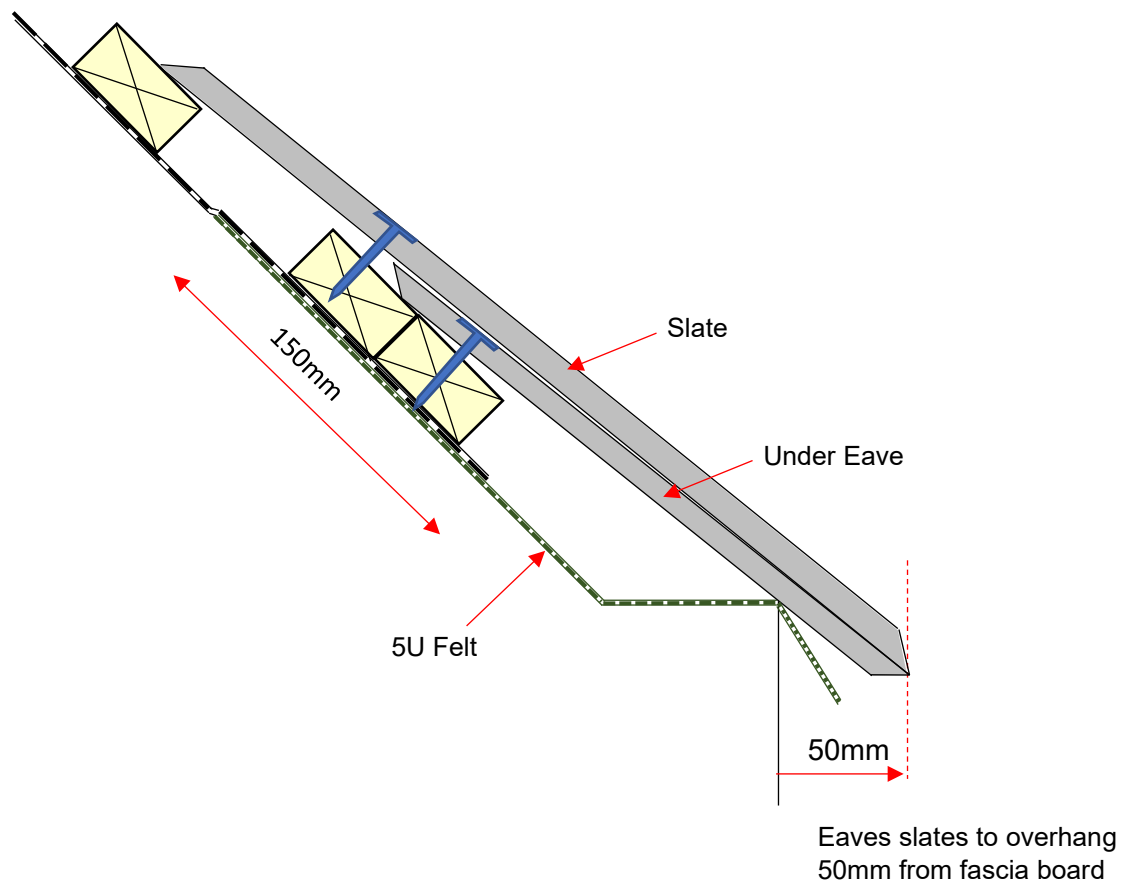
Mechanically fix hip tiles to security batten

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LEADING ROOFING EXCELLENCE

Time allowed: 6 hours

SKILLBUILD
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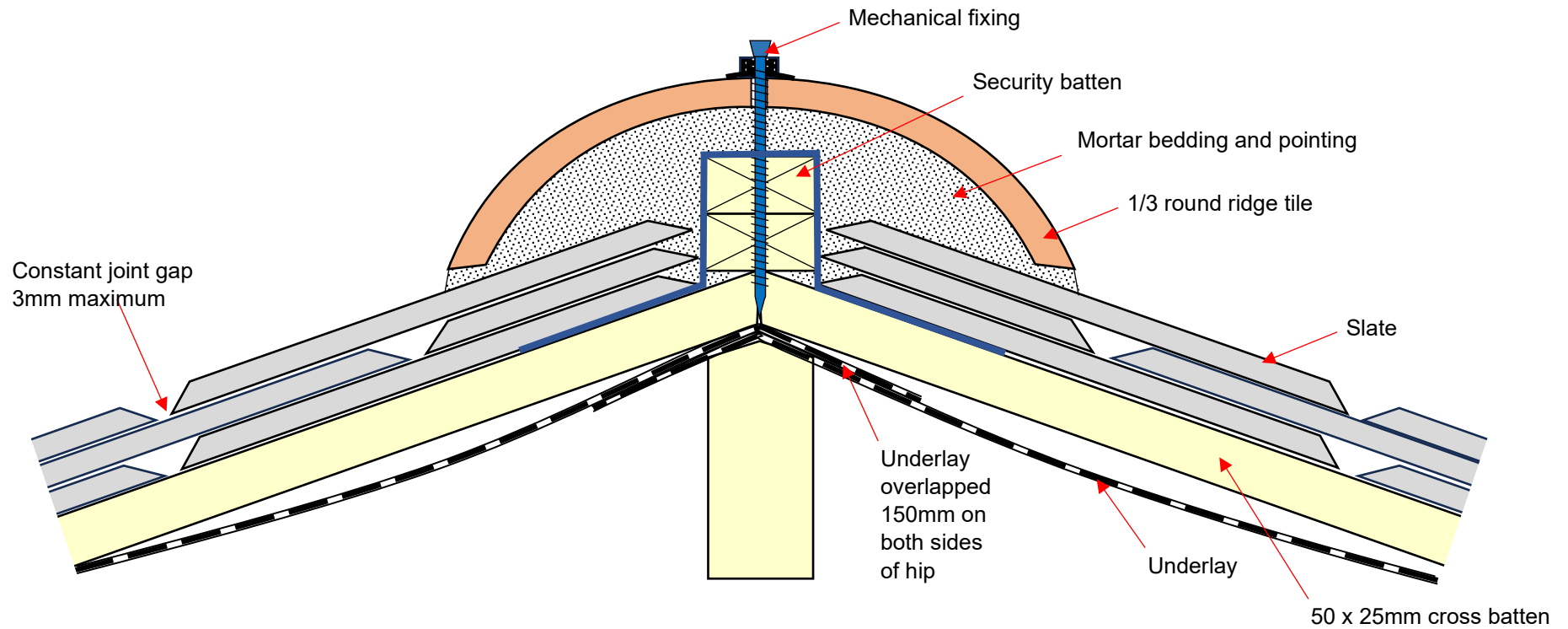
Eave Detail



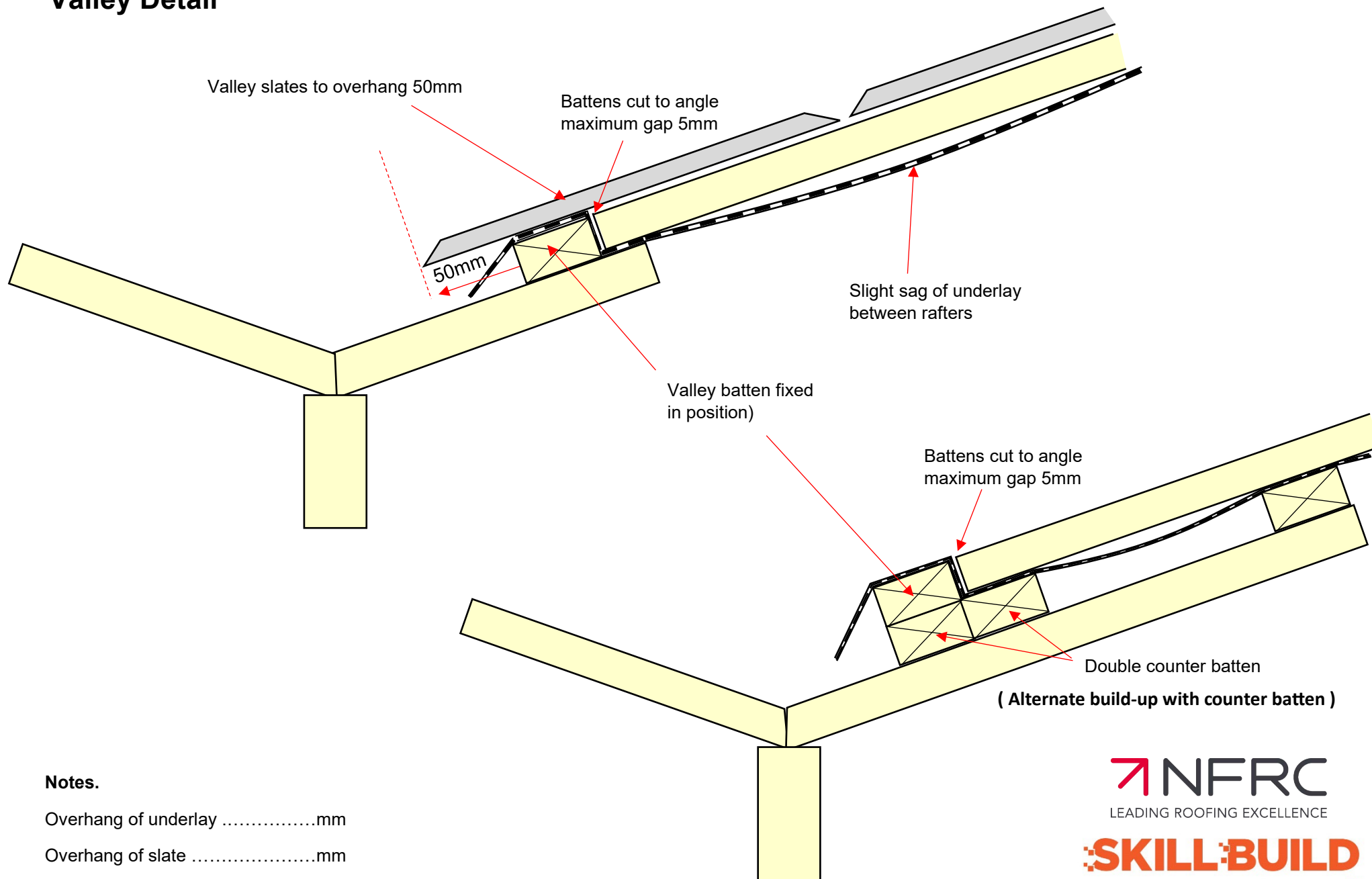
Notes.

- Size of slate
- First batten position from fascia
- Batten Gauge (max)
- 5U overhang at eaves and valley
- Underlay and 5U headlap
- Underlay overlap at hip
- Size of soaker

Hip Detail



Valley Detail



Notes.

Overhang of underlaymm

Overhang of slatemm

Abutment Detail

