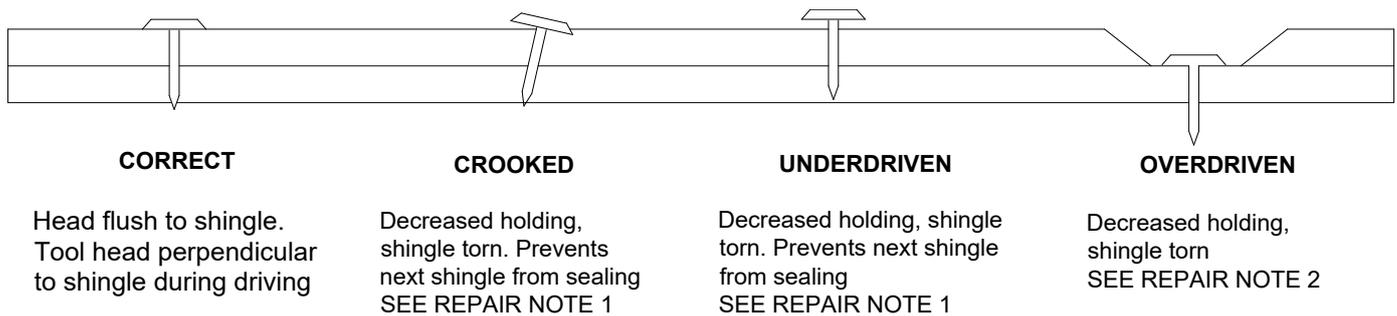


## CONSTRUCTION DETAILS FOR 'GAF ASPHALT SHINGLE ROOFING SYSTEM'


**REPAIR NOTE 1:**

FLATTEN NAIL HEAD TO PREVENT INTERFERENCE WITH NEXT SHINGLE

**REPAIR NOTE 2:**

DRIVE ANOTHER NAIL NEARBY. SEAL OVERDRIVEN NAIL WITH 'HOLDFAST BLACK JACK' CEMENT

**FASTENERS**

While nailing is the preferred method for fixing raised roof profile shingles, GAF accept fastening methods according to the following instructions and in accordance with GAF specifications:

**Always nail through the fastener line.**
**NAILS:** refer to NZS 3604:2011 section 4.4 for corrosion protection requirements

10mm Head 12 gauge roofing nails. GAF recommends 30mm nails for new roofs and 40mm for roof overs. In cases where applying shingles to a roof that has an exposed overhang, (new roofs only) 20mm ring shank nails are allowed to be used from the eaves edge to a point up the roof that is past the outside wall line. 25mm ring shank nails are allowed for re-roof.

**NOTE:** an improperly adjusted nail gun can result in under driven nails that can cause a fish mouthed appearance and can prevent sealing

|  |  |                              |                      |  |
|--|--|------------------------------|----------------------|--|
|  | DRAWING:<br><b>FASTENING DETAIL</b>            | DATE:<br><b>24 JUNE 2018</b> | DETAIL:<br><b>27</b> | <br>BRANZ Appraised<br>Appraisal No 529 |
|  | DETAILS FOR:<br><b>ASPHALT SHINGLE ROOFING</b> | SCALE:<br><b>N/A</b>         |                      |  |