6. Specification for the number of nails to be used per tile (as in Table 1) is based on cyclic testing carried out by the Cyclone Testing Station, James Cook University Report No TS 537

From this Test Report the following maximum allowable pressures are presented in Table 2

Table 2: Maximum allowable pressure (permissible stress design)

No of Nails per Tile	Maximum allowable pressure (kPa)	Equivalent ultimate design pressure (kPa)
7	4.50	6.75

TILE NAILING DETAILS

Nails used on all Savanna Steel Shingle Roofing Systems should be 50mm x 2.8 mm flathead nails, galvanised and painted.
Nailing details are shown in Figures 3 and 4.
7 nails per tile are required, nail every module.
Begin nailing at the overlap end as shown tile B, Figure 3).

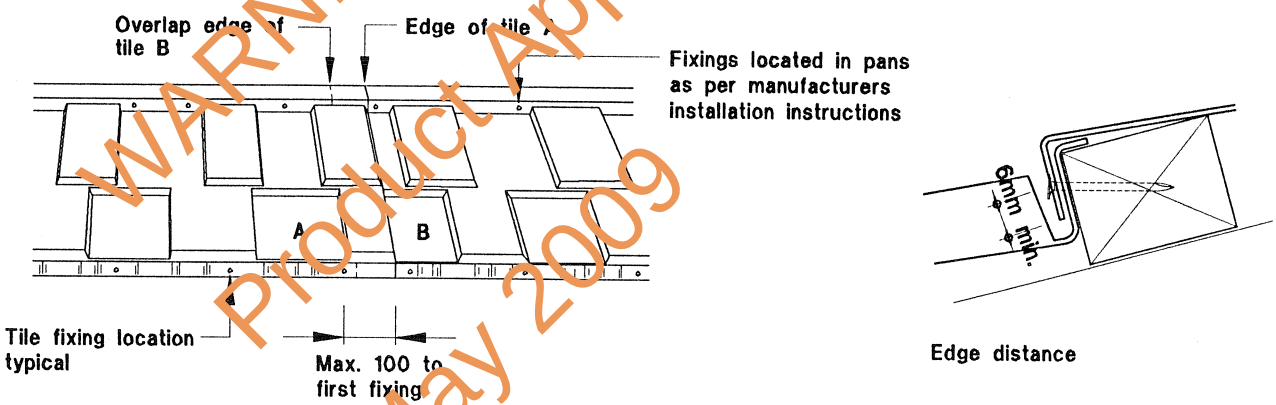
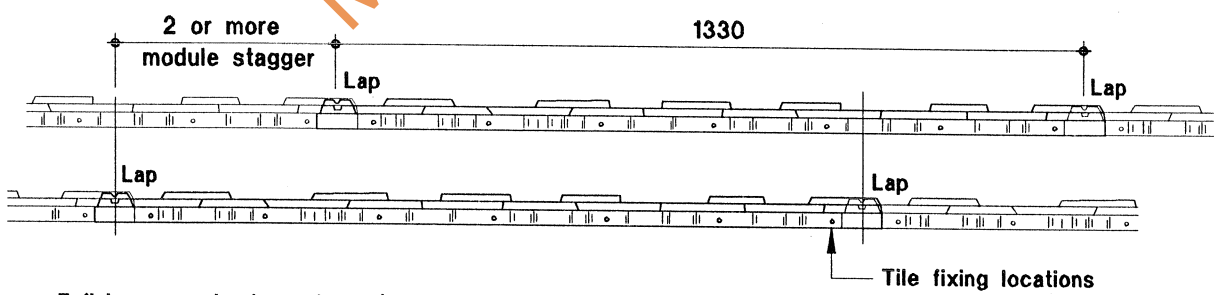


Figure 3



7 fixings per sheet as shown (generally equally spaced)

Figure 4

GENERAL NOTE :

1. Live load on roof, including persons walking on roof, must only be applied directly over the roof batten
2. All nail positions should be in the same relationship to tile module shape and batten location as shown in Figures 3 and 4
3. For general installation instructions, refer to the Savanna Steel Shingle Roofing Installation Details, available from Tasman Roofing Australia Pty. Ltd.

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15/3/2000
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SAVANNA STEEL SHINGLE ROOFING SYSTEM
for fixing to timber battens

Tasman Roofing Australia Pty. Limited
ACN 081 835 092

DESIGN DATA SHEET

APPROVED DATE

M/102/9 Amdt -
DRAWING NUMBER.