



## 10.0 BASE PLY FASTENING

### 10.1 NAILING PATTERN

The standard nailing pattern for standard size base sheets applied to nailable type decks is illustrated below in diagram A. Nail the sheets along the lap at intervals of no more than 9 in. Stagger-nail on centers 18 in. along two lines located 12 in. from each edge of the standard size base sheet.

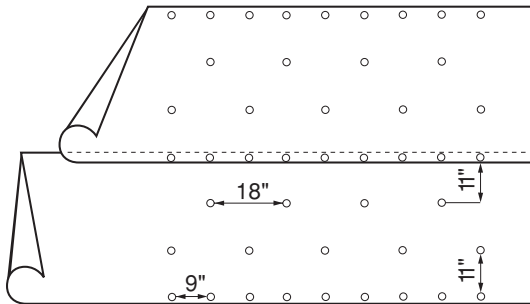


Diagram A Standard Base Sheet Nailing Pattern

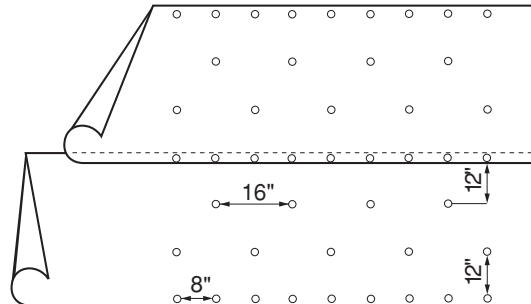


Diagram B Metric Base Sheet Nailing Pattern

The standard metric nailing pattern for metric size base sheets applied to nailable type decks is illustrated above in diagram B. Nail the sheets along the lap at intervals of no more than 8 in. Stagger-nail on centers 16 in. along two lines located 13 in. from each edge of the metric size base sheet

Wind conditions in some geographical locations may require increased fastening at critical areas of roof coverings, or the use of 3 in. plates. Factory Mutual data sheets 1-7, 1-28, 1-47, and 1-49 contain specific information regarding fastener and insulation pattern requirements. The responsibility for determining adequate fastening is that of the architect and/or engineer. Staple fastening systems are acceptable on wood decks when they comply with code requirements. Contact the Technical Services Department at 1-800-641-4691 for more information on base ply fastening.

### 10.2 FASTENER RECOMMENDATIONS

The following is a guide for fasteners to secure roofing sheets to nailable decks. TAMKO assumes no liability for the performance of the fastener or deck material.

Type of Roof Deck	Applicable Fasteners
Wood tongue-and-groove sheathing	Roofing nail, 1" cap minimum, ring shank
APA rated sheathing	Roofing nail, 1" cap minimum, ring shank
Gypsum-poured (1-7days)	Nail-Tite Type A
Gypsum poured (aged)	Tube-Loc or Do-All Nail Hardened, 1" cap minimum
Precast-metal edge plank	Do-All Nail hardened, 1" cap minimum
Lightweight insulating concrete	Insuldeck-Loc, Tube-Loc, or Es-Nail; 1" - 3" cap minimum
Structural wood fiber	Insuldeck Loc, Es-Nail or Tube-Loc Nail,; 1" cap minimum

For more information about fasteners, refer to the Sheet Membrane and Component suppliers to the Commercial Roofing Industry's (SPRI) Fastener Selection Guide.