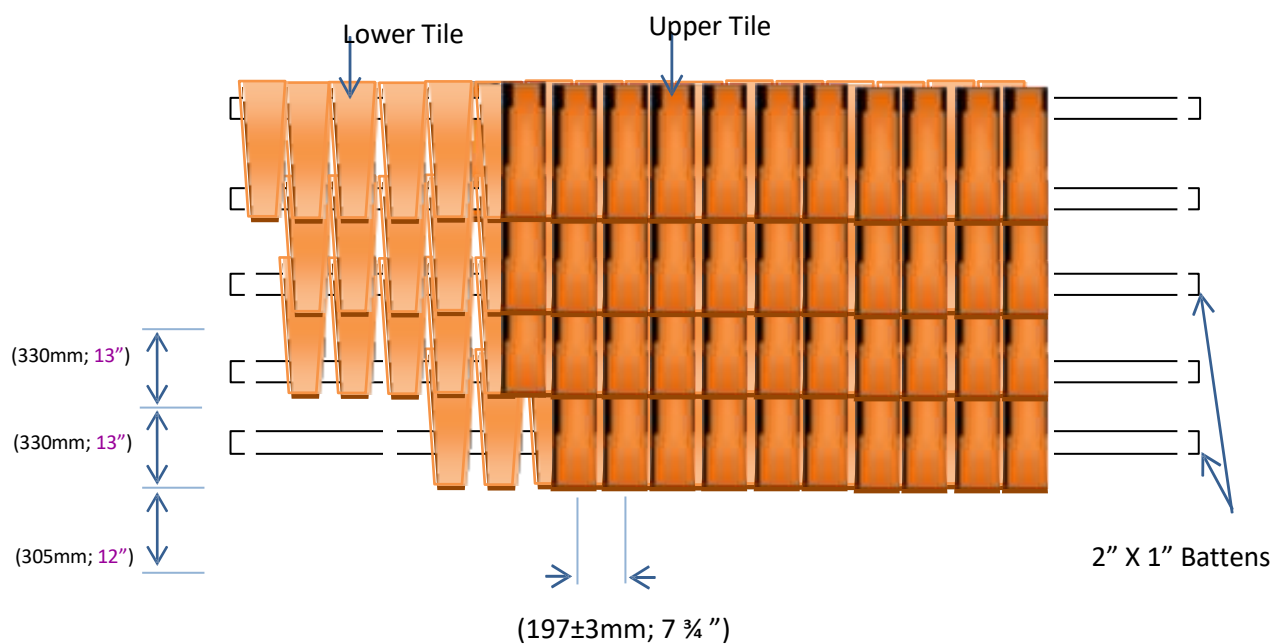


LAYING SPECIFICATION - SPANISH TILES

Roof Details



Tiles with Accessory



1.SP – UPPER



2. SP – LOWER

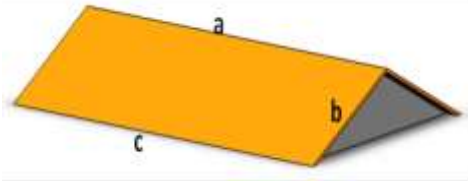
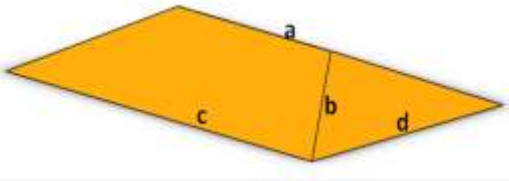


3. SP - RIDGE

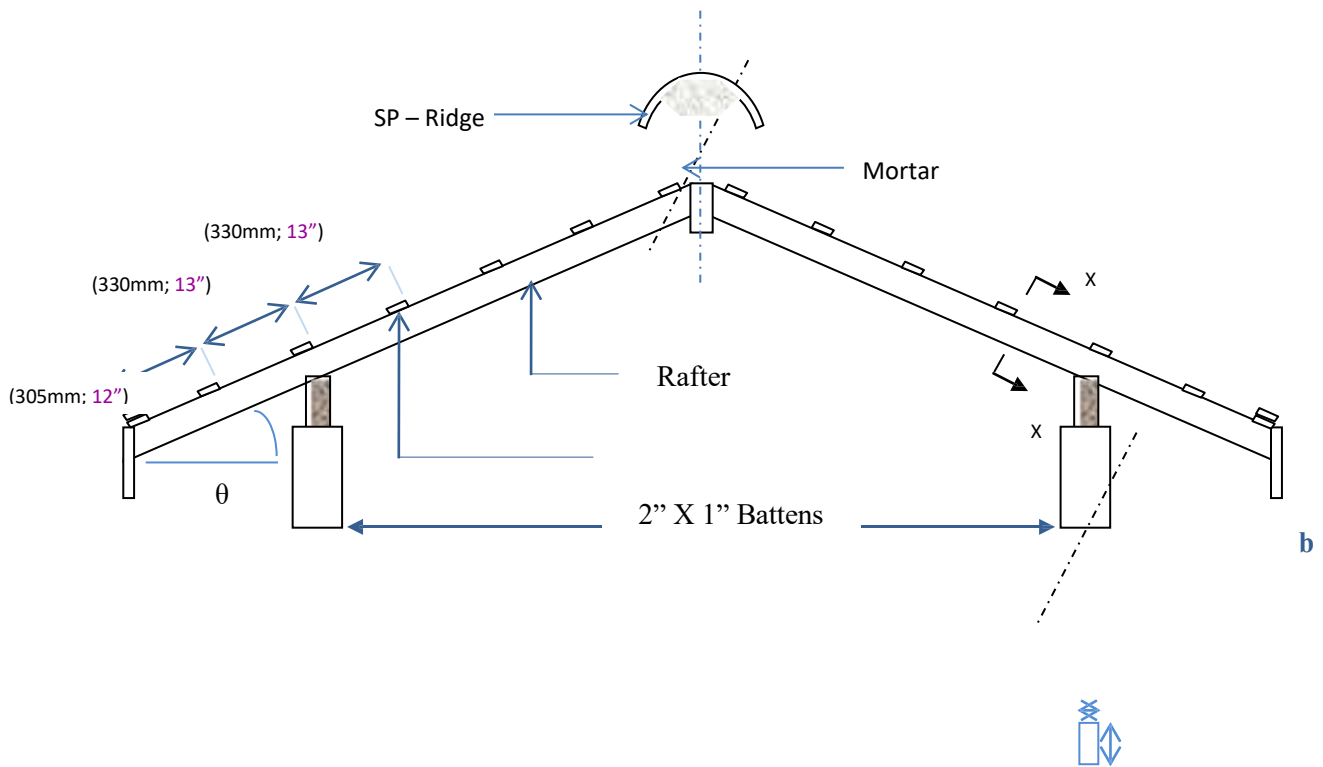
Product Specifications

Specification	SP - Upper	SP - Lower	SP - Ridge
Length (mm)	400 ± 4	400 ± 4	455 ± 5
Longest Width (mm)	165 ± 5	167 ± 8	230 ± 5
Shortest Width (mm)	110 ± 2	112 ± 2	N/A
Effective Length (mm)	330 ± 3	330 ± 3	430 ± 4
Effective Width (mm)	197 ± 3 (Tile combination)		N/A
Maximum Unit weight (kg)	2.4	2.4	5.3
Water absorption (%)	< 10	< 10	< 10
Load bearing Capacity (kN/m)	> 5	> 5	N/A

Coverage

Tile Type	Coverage according to Roof Structure (Number of Tiles)	
		
SP – U & SP - L (100 Sq. Feet)	290	290
SP - Ridge	“a” in feet / 1.4 feet or “a” in mm / 430mm	N/A “a+4b” in feet / 1.4 feet or “a+4b” in mm / 430mm

DETAILS OF ROOF



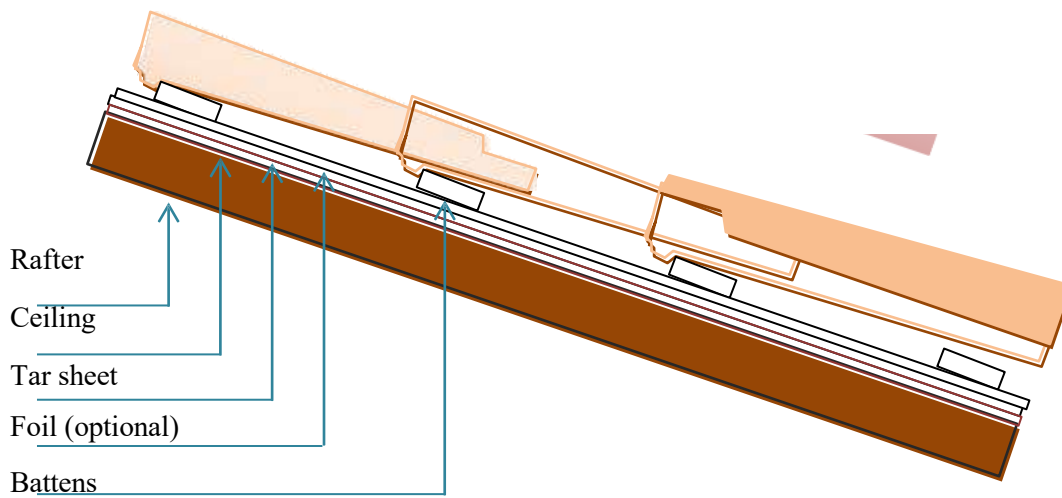
Minimum roof angle (θ) = 23°

Maximum roof angle (θ) = 40°

Section X-X

Rafter section (dXb)	4" X 2"	5" X 2"	6" X 2"
Roof angle(θ)	Rafter Span (L)		
23° Minimum	8'	8' to 12'	8' to 12'
23° and above	8'	8' to 10'	8' to 12'

FOR FINISHING ROOF



NOTE:

1. Underlayment is recommended for high wind & coastal regions.
2. Minimum roof angle (θ) is depending on location & wind speed.
3. The exposed tile surface shall be free of chippage or other imperfections when viewed from a distance 10m by an observer with normal vision as per ASTM: Designation C1167 – 11 standard specifications for clay roof tiles.