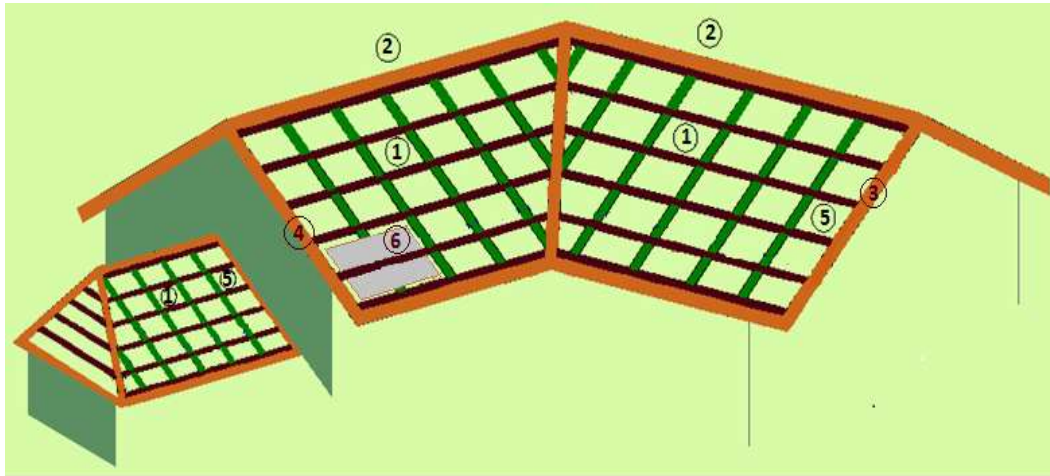


LAYING SPECIFICATION-S1TILE

Roof with Accessories



1. S1



2. S2



3. S3



4. S4



5. S5

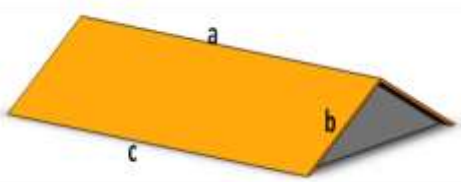
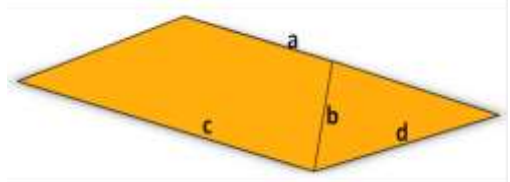


6. Poly Sheet

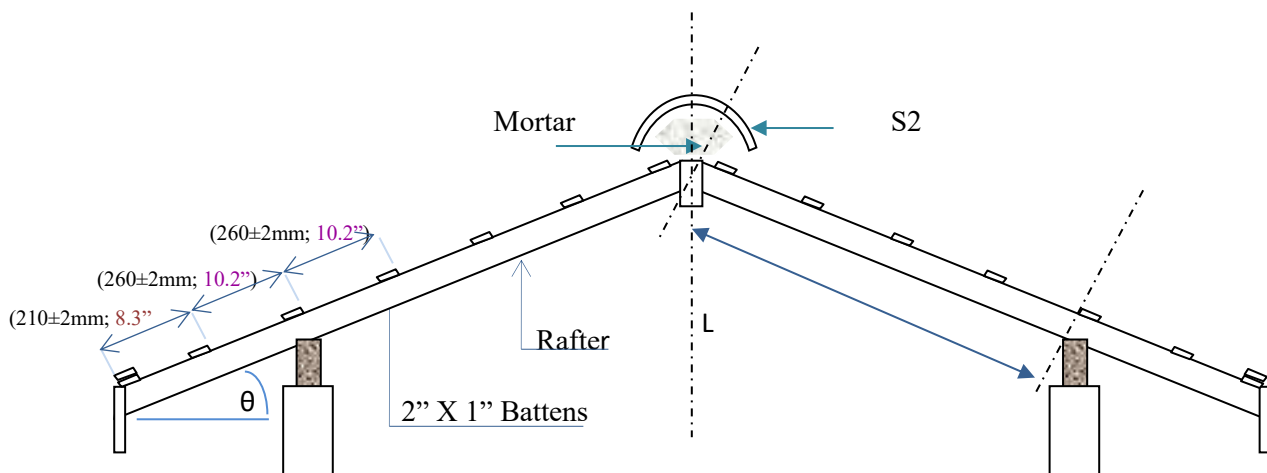
Product Specifications

Specification	S1	S2	S3	S4	S5
Length (mm)	310 ± 3	287 ± 3	310 ± 3	310 ± 3	310 ± 3
Width (mm)	310 ± 3	215 ± 5	N/A	N/A	258 ± 3
Effective Length-Natural and Single fired Glaze (mm)	260 ± 2	260 ± 2	260 ± 2	260 ± 2	260 ± 2
Effective Length -Double fired Glaze (mm)	258 ± 2	258 ± 2	258 ± 2	258 ± 2	258 ± 2
Effective width (mm)	250 ± 3	N/A	N/A	N/A	N/A
Max Unit weight (Kg)	3.2	3.2	2.4	2.4	2.8
Water Absorption (%)	< 10	< 10	< 10	< 10	< 10
Breaking Strength (N)	> 1000	N/A	N/A	N/A	N/A

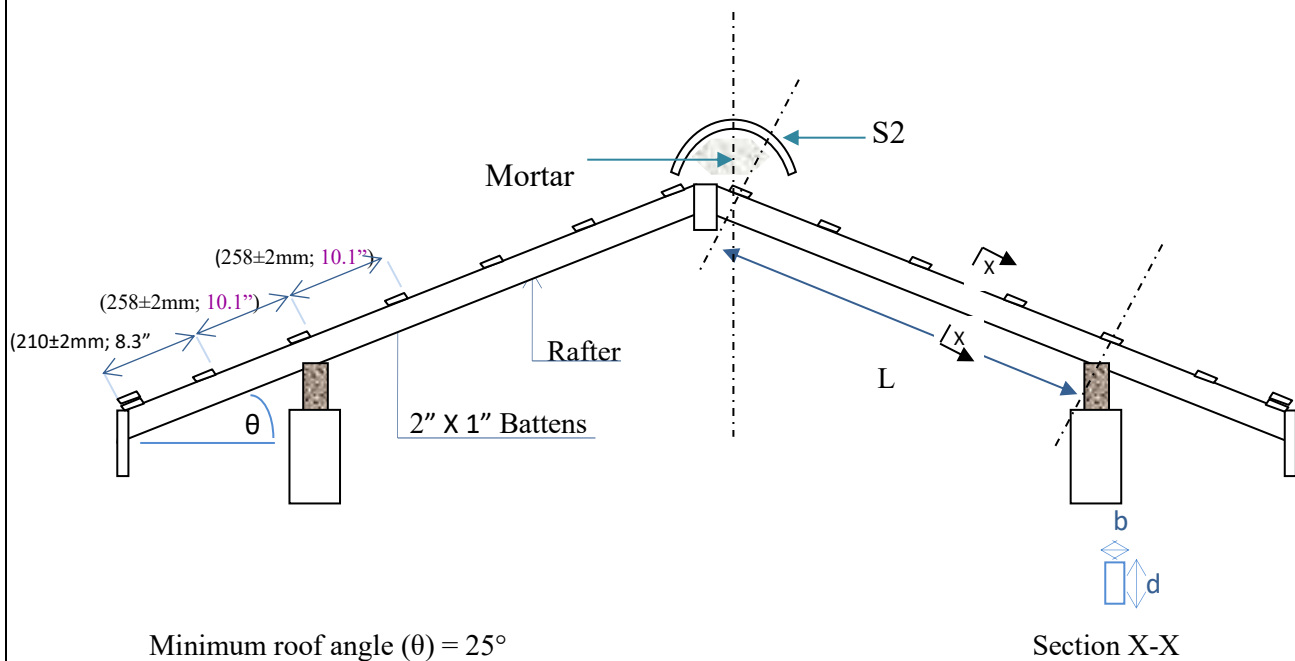
Coverage

Tile Type	Coverage according to Roof Structure (Number of Tiles)	
		
S1 (100 Sq. Feet)	140	140
S2	"a" in feet / 0.85 feet or "a" in mm / 260mm	"a+4b" in feet / 0.85 feet or "a+4b" in mm / 260mm
S3	Number of Rows (b/Batten Gap)	N/A
S4	Number of Rows (b/Batten Gap)	N/A
S5	Number of Rows (b/Batten Gap)	N/A

DETAILS OF ROOF (Natural/ Single fired Glaze)



DETAILS OF ROOF (Double fired Glaze)



Rafter section (dXb)	4" X 2"	5" X 2"	6" X 2"
Roof angle(θ)	Rafter Span (L)		
25° Minimum	8'	8' to 10'	8' to 12'
25° and above	8'	8' to 10'	8' to 12'
Rafter Gap	18''	18''	18''

❖ If Span (L) exceeds 8' for 4"x2" Rafters, use 8"x4" supporting rafter to hold the structure.

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.
4. Use standard nail having diameter **5mm & Length 50mm for nailing.**