SAMSON RAJARATA TILES (PVT) LTD

DSI COMPLEX

251, HIGH LEVEL ROAD, NAVINNA, MAHARAGAMA, SRI LANKA.

Tel : (+94) 11 481 5423 , (+94) 11 462 1813

Fax : (+94) 11 285 1730

info@dsitiles.com

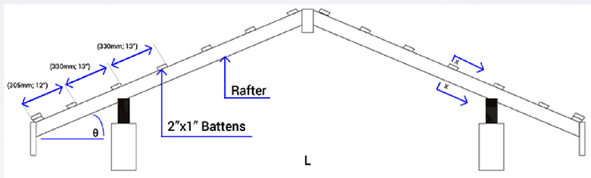
DSI Samson group

WELCOMING POSSIBILITIES

WWW.DSITILES.COM

Spanish Tile

The best solution for a healthy, eco friendly & traditional house



Minimum Roof Angle (θ) = 25° Maximum Roof Angle (θ) = 40°

TILE SPECIFICATIONS

Length	400 mm ± 4 mm
Width	165 mm ± 5 mm
Effective Length	330 mm ± 3 mm
Effective Width	197 mm ± 3 mm (Tile Combination)
Max Weight	2.4 kg ± 0.05 kg
Water Absorption (%)	<10
Dry Load Bearing Capacity	>7kN/m
Coverage	290 pcs. Per 100 sq.ft
Water Permeability	No formation of water droplets within 6hrs

RAFTER SPECIFICATIONS

Rafter Section	4" x 2"	5" x 2"	6" x 2"
Roof Angle	Rafter Span (L)		
25° Minimum	8'	8' to 12'	8' to 12'
25° and Above	8'	8' to 10'	8' to 12'

COLOUR RANGE

Covering Tile

TILE SPECIFICATIONS

Length	298 ± 2.0 mm
Width	144.0 ± 4.0 mm
Effective Length	283± 2.0 mm
Max Weight	1.2 Kg
Water Absorption (%)	<10
Coverage	225 pcs. Per 100 sq. Feet

Terracotta Floor Tile

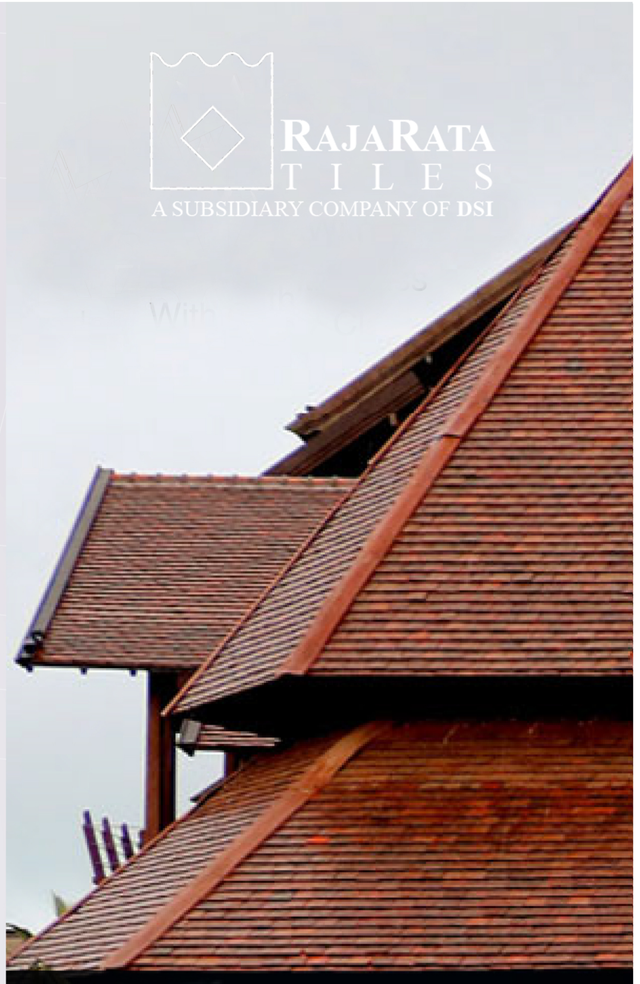
The best solution to keep your floor & roof top cool.

TILE SPECIFICATIONS

Length	310.0 ± 3 mm
Width	310.0 ± 3 mm
Thickness	15.5 ± 0.5 mm
Coverage	97 pcs. Per 100 sq. Feet
Joint Thickness	15.0 mm
Water Absorption(%)	< 10
Breaking Strength	>1000 N
Weight	3450 ± 50

RajaRata TILES

A SUBSIDIARY COMPANY OF DSI



- *100% natural (No chemicals used)*
- *Cooling effect*
- *Non toxic roofing option*
- *high breaking strength*
- *Low water absorption (Below 10%)*
- *Interlocking system*
- *Japanese industrial standard (JIS)*
- *Monkey proof*
- *Quality Assured Products In Singapore*
- *Made for international standards*
- *Different designs with customized colours*

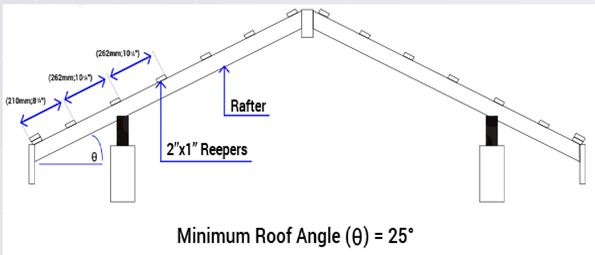
20+ Years

+94 777 815 520 (SHOWROOM)

+94 772 912 590 (INTERNATIONAL SALES AND MARKETING)

'S' Tile

The best solution for a healthy, eco friendly & stylish home.



Minimum Roof Angle (θ) = 25°

ACCESSORIES

S2 Ridge Tile | S3 Gable Left Tile | S4 Gable Right Tile | S5 Corner Tile

TILE SPECIFICATIONS

Length	310 mm ± 3 mm
Width	307mm ± 3 mm
Effective Length	260 mm ± 2 mm
Effective Width	250 mm ± 3 mm
Max Weight	3.2 kg ± 0.05 kg
Water Absorption (%)	<10
Dry Transverse Strength	>2500N
Coverage	140 tiles per 100sq.ft
Water Permeability	No formation of water droplets within 6hrs

RAFTER SPECIFICATIONS

Rafter Section	4" x 2"	5" x 2"	6" x 2"
Roof Angle	Rafter Span (L)		
25° Minimum	8'	8' to 12'	8' to 12'
25° and Above	8'	8' to 10'	8' to 12'

COLOUR RANGE

Hela Tile

The best solution for a continental & stylish building.

ACCESSORIES

Hogs Back | S2 Ridge Tile

TILE SPECIFICATIONS

Length	300mm ± 3mm
Width	200mm ± 2mm
Max Weight	2.2kg
Water Absorption (%)	≤10
Transverse Strength	≥900N
Coverage	358 pieces per 100sq.ft

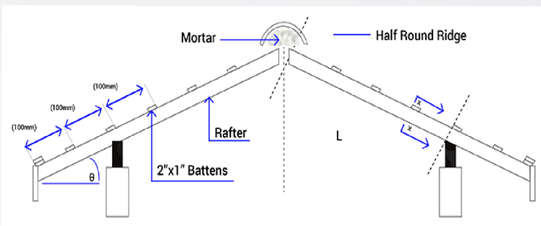
RAFTER SPECIFICATIONS

Rafter Section	4" x 2"	5" x 2"	6" x 2"
Roof Angle	Rafter Span (L)		
30° Minimum	8'	8' to 10'	8' to 12'
30° and Above	8'	8' to 10'	8' to 12'
Rafter Gap	18"	18"	18"

COLOUR RANGE

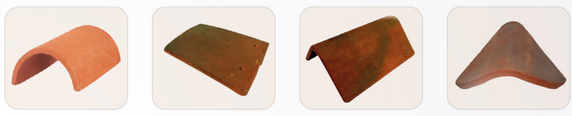
Flat Tile

The best solution for a continental & stylish building.

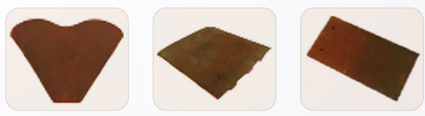


Minimum Roof Angle (θ) = 30°

ACCESSORIES



HRR | Nibbed Eave | Hogs Back | Bonnet Hip Tile



Universal Valley Tile | Nibbed Gable Tile | PT Tile (Main Tile)

TILE SPECIFICATIONS

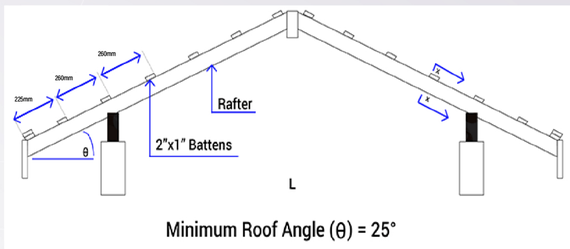
	Plain Tile	Half Round Ridge
Length	262 ± 3 mm	300 ± 3 mm
Width	164 ± 2 mm	240 ± 3 mm
Effective Length	85 to 100	300 ± 3
Effective Width	164 mm ± 2 mm	240 mm ± 3 mm
Max Weight	1.3Kg	3400 ± 50
Water Absorption (%)	<10	<10
Flexural Strength (N)	>900	>900
Coverage	566pcs. Per 100 sq.ft	1 pcs. per feet

RAFTER SPECIFICATIONS

Rafter Section	4" x 2"	5" x 2"	6" x 2"
Roof Angle	Rafter Span (L)		
25° Minimum	8'	8' to 10'	8' to 12'
25° and Above	8'	8' to 10'	8' to 12'

Roman Tile

The best solution for a healthy, eco friendly & stylish home.



Minimum Roof Angle (θ) = 25°

ACCESSORY

S2 Ridge Tile

TILE SPECIFICATIONS

Length	334± 2 mm
Width	240 ± 5 mm
Effective Length	258± 2 mm
Effective Width	175± 2 mm
Max Weight	3.1Kg
Water Absorption (%)	Less than 10
Transverse Strength	>2500 N
Coverage	205 pcs. Per 100 sq. Feet

RAFTER SPECIFICATIONS

Rafter Section	4" x 2"	5" x 2"	6" x 2"
Roof Angle	Rafter Span (L)		
25° Minimum	8'	8' to 12'	8' to 12'
25° and Above	8'	8' to 12'	8' to 12'