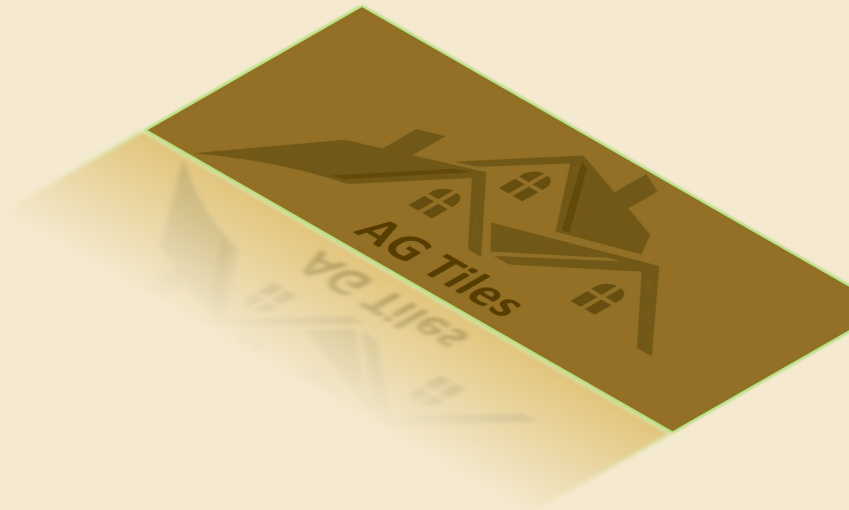


**AG QUALITY ROOFING**

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projects@agqualityroofing.com.au

0421 343 903



# Roof Tiles & Roof Accessories

Technical Characteristics



Dimensions (mm)	480x300	Flexural Strength (N) (EN 538)	>1200
Tiles/m <sup>2</sup>	10	Water impermeability (EN 539-1:2015, Pass Category 1, Test Method 2)	Pass
Tiles/pallet	210	Frost Resistance (EN 539-2:2016, Test Method E)	150 cycles
Useful length (mm)	394	Dimensional tolerance (EN 1024)	±2%
Useful width (mm)	255	Lateral overlap (mm)	45
Units per ml eave line	4	Head overlap (mm)	86
Tile weight (kg)	4,5	Reaction to Fire	A1
Weight/m <sup>2</sup> (kg/m <sup>2</sup> )	45	Batten distance (mm)	380-400

### Installation

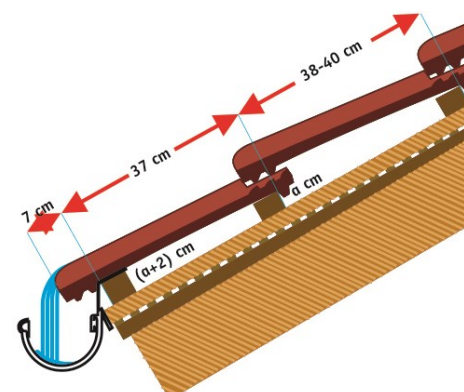
- For proper installation follow the numerical sequence shown on the indicated image (1)
- The first batten should be 2cm higher than all the other battens, to achieve a symmetric installation (2)
- The distance between the edge of the first tile and the first batten should be 7cm (2)
- The distance between battens should be 38-40cm (2)
- Proper installation of Ventilation Roof Accessories will assure a good hydrothermal behavior and preservation of the roof structure as well
- A breathable waterproof membrane should be laid on the support of the roof assuring more water tightness



(1)

Suggested prices:

SIDE LENGTH (m)	PITCH %	PITCH °
0-5	30	17
5-6	33	19
6-7	36	20
7-8	40	22
8-10	46	25
10-12	52	27



(2)



Dimensions (mm)	480x300	Flexural Strength (N) (EN 538)	>1200
Tiles/m <sup>2</sup>	10	Water impermeability (EN 539-1:2015, Pass Category 1, Test Method 2)	Pass
Tiles/pallet	216	Frost Resistance (EN 539-2:2016, Test Method E)	150 cycles
Useful length (mm)	401	Dimensional tolerance (EN 1024)	±2%
Useful width (mm)	247	Lateral overlap (mm)	53
Units per ml eave line	4	Head overlap (mm)	79
Tile weight (kg)	4,3	Reaction to Fire	A1
Weight/m <sup>2</sup> (kg/m <sup>2</sup> )	43	Batten distance (mm)	385-405

## Installation

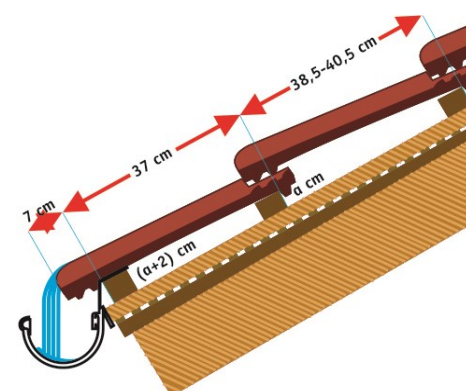
- For proper installation follow the numerical sequence shown on the indicated image (1)
- The first batten should be 2cm higher than all the other battens, to achieve a symmetric installation (2)
- The distance between the edge of the first tile and the first batten should be 7cm (2)
- The distance between battens should be 38,5-40,5cm (2)
- Proper installation of Ventilation Roof Accessories will assure a good hydrothermal behavior and preservation of the roof structure as well
- A breathable waterproof membrane should be laid on the support of the roof assuring more water tightness



(1)

Suggested prices:

SIDE LENGTH (m)	PITCH %	PITCH °
0-5	25	14
5-6	29	16
6-7	33	19
7-8	36	20
8-10	40	22
10-12	46	25



(2)

# ROMAN

## ROOF TILE

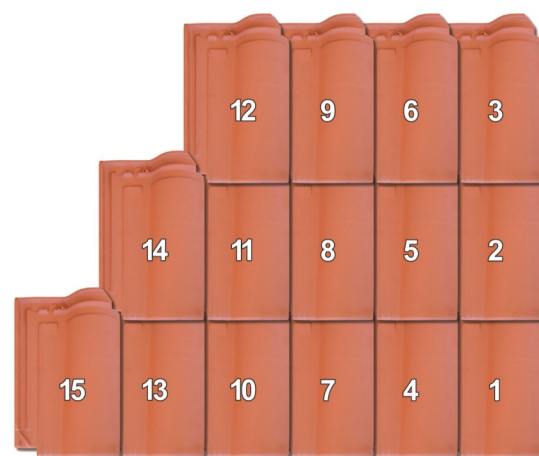
# PORTUGUESE



Dimensions (mm)	400x250	Flexural Strength (N) (EN 538)	>1200
Tiles/m <sup>2</sup>	13	Water impermeability (EN 539-1:2015, Pass Category 1, Test Method 2)	Pass
Tiles/pallet	280	Frost Resistance (EN 539-2:2016, Test Method E)	150 cycles
Useful length (mm)	355	Dimensional tolerance (EN 1024)	±2%
Useful width (mm)	215	Lateral overlap (mm)	35
Units per ml eave line	5	Head overlap (mm)	45
Tile weight (kg)	3,2	Reaction to Fire	A1
Weight/m <sup>2</sup> (kg/m <sup>2</sup> )	41,6	Batten distance (mm)	350-355

## Installation

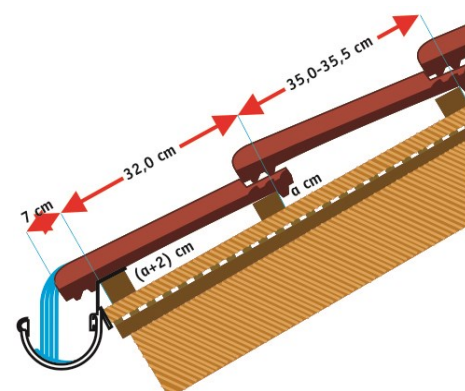
- For proper installation follow the numerical sequence shown on the indicated image (1)
- The first batten should be 2cm higher than all the other battens, to achieve a symmetric installation (2)
- The distance between the edge of the first tile and the first batten should be 7cm (2)
- The distance between battens should be 35-35,5cm (2)
- Proper installation of Ventilation Roof Accessories will assure a good hydrothermal behavior and preservation of the roof structure as well
- A breathable waterproof membrane should be laid on the support of the roof assuring more water tightness



(1)

Suggested prices:

SIDE LENGTH (m)	PITCH %	PITCH °
0-5	30	17
5-6	33	19
6-7	36	20
7-8	40	22
8-10	46	25
10-12	52	27
12-14	60	32



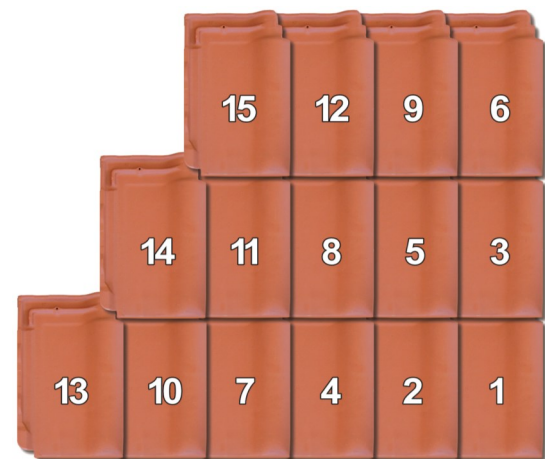
(2)



Dimensions (mm)	420x250	Flexural Strength (N) (EN 538)	>1200
Tiles/m <sup>2</sup>	14	Water impermeability (EN 539-1:2015, Pass Category 1, Test Method 2)	Pass
Tiles/pallet	288	Frost Resistance (EN 539-2:2016, Test Method E)	150 cycles
Useful length (mm)	358	Dimensional tolerance (EN 1024)	±2%
Useful width (mm)	197	Lateral overlap (mm)	53
Units per ml eave line	5	Head overlap (mm)	62
Tile weight (kg)	3,25	Reaction to Fire	A1
Weight/m <sup>2</sup> (kg/m <sup>2</sup> )	45,5	Batten distance (mm)	350

### Installation

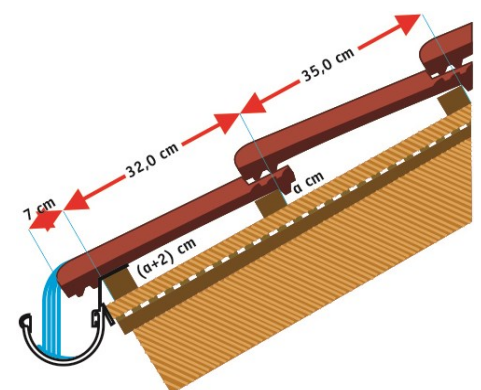
- For proper installation follow the numerical sequence shown on the indicated image (1)
- The first batten should be 2cm higher than all the other battens, to achieve a symmetric installation (2)
- The distance between the edge of the first tile and the first batten should be 7cm (2)
- The distance between battens should be 35cm (2)
- Proper installation of Ventilation Roof Accessories will assure a good hydrothermal behavior and preservation of the roof structure as well
- A breathable waterproof membrane should be laid on the support of the roof assuring more water tightness



(1)

Suggested prices:

SIDE LENGTH (m)	PITCH %	PITCH °
0-5	21	12
5-6	24	16
6-7	30	17
7-8	33	19
8-10	40	22
10-12	46	25
12-14	52	27



(2)

# MARSEILLE

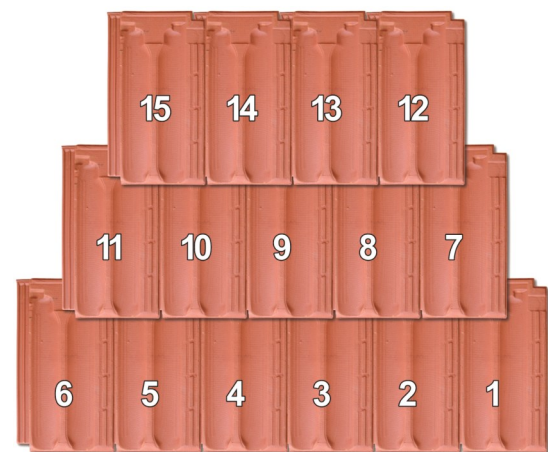
## ROOF TILE



Dimensions (mm)	410x240	Flexural Strength (N) (EN 538)	>1200
Tiles/m <sup>2</sup>	14	Water impermeability (EN 539-1:2015, Pass Category 1, Test Method 2)	Pass
Tiles/pallet	280	Frost Resistance (EN 539-2:2016, Test Method E)	150 cycles
Useful length (mm)	345	Dimensional tolerance (EN 1024)	±2%
Useful width (mm)	206	Lateral overlap (mm)	34
Units per ml eave line	5	Head overlap (mm)	65
Tile weight (kg)	3	Reaction to Fire	A1
Weight/m <sup>2</sup> (kg/m <sup>2</sup> )	42	Batten distance (mm)	340-345

## Installation

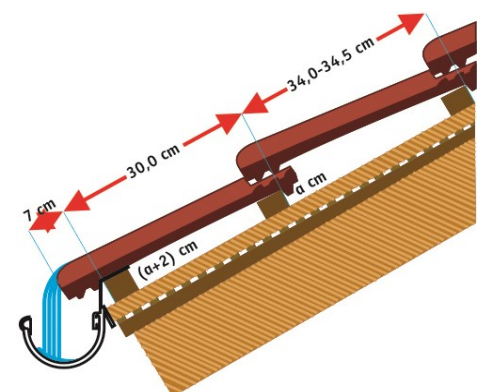
- For proper installation follow the numerical sequence shown on the indicated image (1)
- The first batten should be 2cm higher than all the other battens, to achieve a symmetric installation (2)
- The distance between the edge of the first tile and the first batten should be 7cm (2)
- The distance between battens should be 34-34,5cm (2)
- Proper installation of Ventilation Roof Accessories will assure a good hydrothermal behavior and preservation of the roof structure as well
- A breathable waterproof membrane should be laid on the support of the roof assuring more water tightness



(1)

Suggested prices:

SIDE LENGTH (m)	PITCH %	PITCH °
0-5	30	17
5-6	33	19
6-7	36	20
7-8	40	22
8-10	46	25
10-12	52	27
12-14	60	32



(2)

# IDEAL MARSEILLE

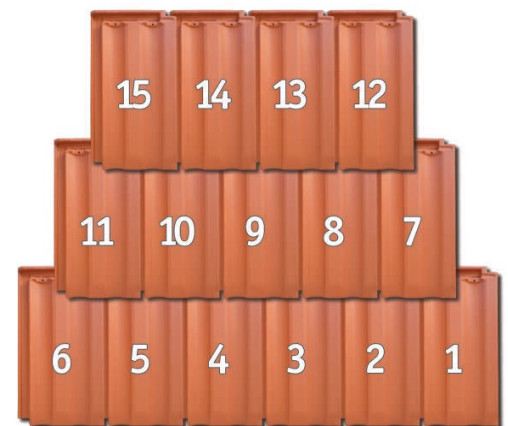
ROOF TILE



Dimensions (mm)	480x250	Flexural Strength (N) (EN 538)	>1200
Tiles/m <sup>2</sup>	11	Water impermeability (EN 539-1:2015, Pass Category 1, Test Method 2)	Pass
Tiles/pallet	288	Frost Resistance (EN 539-2:2016, Test Method E)	150 cycles
Useful length (mm)	394	Dimensional tolerance (EN 1024)	±2%
Useful width (mm)	219	Lateral overlap (mm)	31
Units per ml eave line	5	Head overlap (mm)	86
Tile weight (kg)	3,6	Reaction to Fire	A1
Weight/m <sup>2</sup> (kg/m <sup>2</sup> )	39,6	Batten distance (mm)	405-410

## Installation

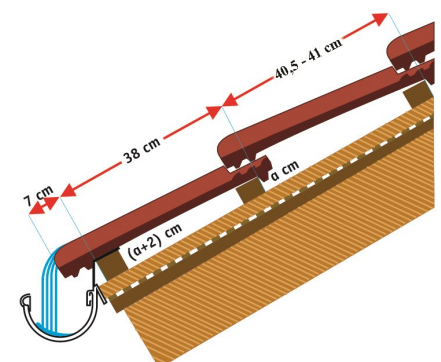
- For proper installation follow the numerical sequence shown on the indicated image (1)
- The first batten should be 2cm higher than all the other battens, to achieve a symmetric installation (2)
- The distance between the edge of the first tile and the first batten should be 7cm (2)
- The distance between battens should be 40,5-41cm (2)
- Proper installation of Ventilation Roof Accessories will assure a good hydrothermal behavior and preservation of the roof structure as well
- A breathable waterproof membrane should be laid on the support of the roof assuring more water tightness



(1)

Suggested prices:

SIDE LENGTH (m)	PITCH %	PITCH °
0-5	30	17
5-6	33	19
6-7	36	20
7-8	40	22
8-10	46	25
10-12	52	27
12-14	60	32



(2)

# TERRESTRIAL

## ROOF TILE



Dimensions (mm)	475x245	Flexural Strength (N) (EN 538)	>1200
Tiles/m <sup>2</sup>	11	Water impermeability (EN 539-1:2015, Pass Category 1, Test Method 2)	Pass
Tiles/pallet	288	Frost Resistance (EN 539-2:2016, Test Method E)	150 cycles
Useful length (mm)	408	Dimensional tolerance (EN 1024)	±2%
Useful width (mm)	211	Lateral overlap (mm)	34
Units per ml eave line	5	Head overlap (mm)	67
Tile weight (kg)	3,65	Reaction to Fire	A1
Weight/m <sup>2</sup> (kg/m <sup>2</sup> )	40,1	Batten distance (mm)	405-410

## Installation

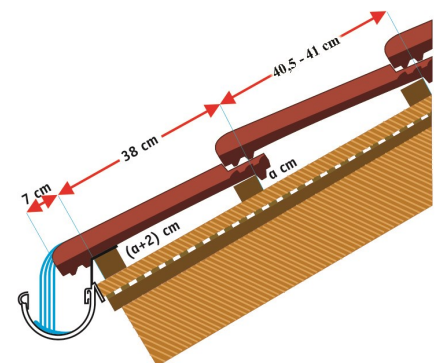
- For proper installation follow the numerical sequence shown on the indicated image (1)
- The first batten should be 2cm higher than all the other battens, to achieve a symmetric installation (2)
- The distance between the edge of the first tile and the first batten should be 7 cm (2)
- The distance between battens should be 40,5-41 cm (2)
- Proper installation of Ventilation Roof Accessories will assure a good hydrothermal behavior and preservation of the roof structure as well
- A breathable waterproof membrane should be laid on the support of the roof assuring more water tightness



(1)

Suggested prices:








SIDE LENGTH (m)	PITCH %	PITCH °
0-5	30	17
5-6	33	19
6-7	36	20
7-8	40	22
8-10	46	25
10-12	52	27
12-14	60	32



(2)



# roof tiles characteristics

CHARACTERISTICS	MACEDONIAN	MEDITERRANEAN	ROMAN	DUTCH	MARSEILLE	IDEAL MARSEILLE	TERRESTRIAL
							
Dimensions (mm)	480x300	480x300	400x250	420x250	410x240	480x250	475x245
Units/m <sup>2</sup>	10	10	13	14	14	11	11
Units/pallet	210	216	280	288	280	288	288
Useful length (mm)	394	401	355	358	345	394	408
Useful width (mm)	255	247	215	197	206	219	211
Units per ml eave line	4	4	5	5	5	5	5
Tile weight (kg)	4,5	4,3	3,2	3,25	3	3,6	3,65
Weight/m <sup>2</sup> (kg/m <sup>2</sup> )	45	43	41,6	45,5	42	39,6	40,1
Flexural Strength (N) (EN 538)	>1200	>1200	>1200	>1200	>1200	>1200	>1200
Water impermeability (EN 539-1:2015)	Pass Category 1 Test Method 2	Pass Category 1 Test Method 2	Pass Category 1 Test Method 2	Pass Category 1 Test Method 2	Pass Category 1 Test Method 2	Pass Category 1 Test Method 2	Pass Category 1 Test Method 2
Frost Resistance (EN 539-2:2016, Test Method E)	150 cycles	150 cycles	150 cycles	150 cycles	150 cycles	150 cycles	150 cycles
Lateral overlap (mm)	45	53	35	53	34	31	34
Head overlap (mm)	86	79	45	62	65	86	67
Dimensional tolerance (EN 1024)	±2%	±2%	±2%	±2%	±2%	±2%	±2%
Reaction to Fire	A1	A1	A1	A1	A1	A1	A1
Batten distance (mm)	380-400	385-405	350-355	350	340-345	405-410	405-410

classic colors



SMALTO



RED



BROWN



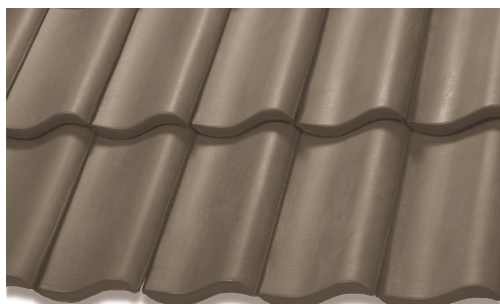
GREEN



OCHRE



BLUE



GREY



ANTHRACITE



BLACK

# antique styles



ANTIQUE CLASSIC



GOTHIC



FANTAISIE



REVIVAL

colors on demand



ANTIQUE BLACK-OCBRE



ANTIQUE BLACK



ANTIQUE ARTIFICIALLY AGED



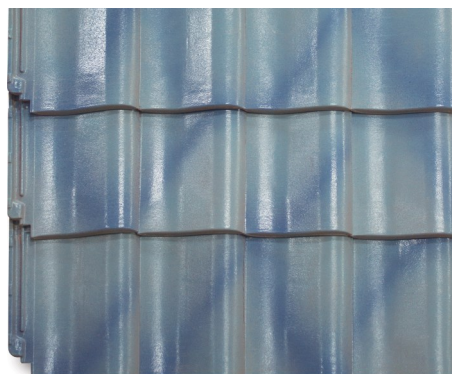
ANTIQUE OCBRE



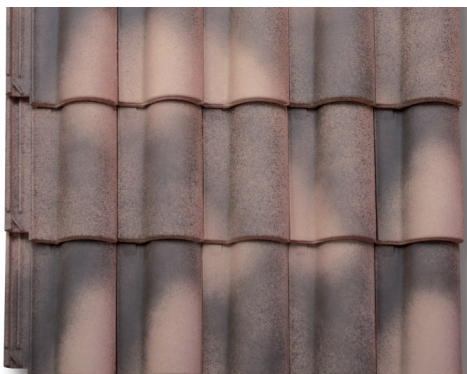
ANTIQUE BRONZE



ANTIQUE BROWN

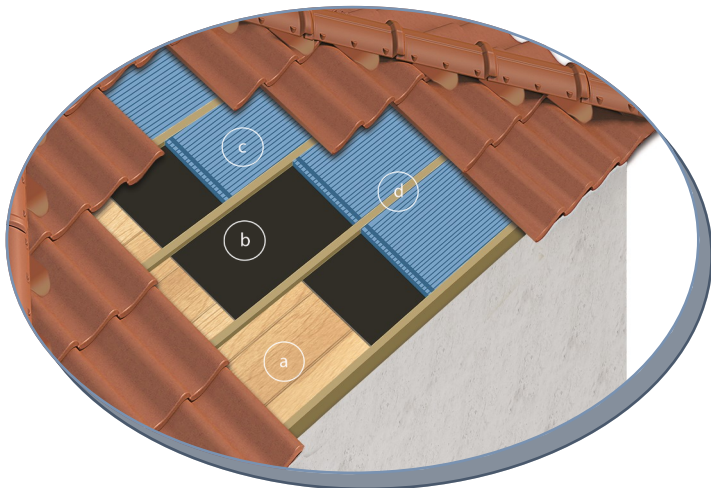


AEGEAN

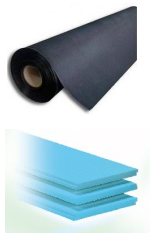


MEDIEVAL

# roof accessories



- (a) Sheathing must be structurally adequate to support the loads involved
- (b) A breathable waterproof membrane should be laid on the support of the roof
- (c) XPS: Use extruded polystyrene for even greater thermal insulation and energy saving
- (d) Battens: Selected sized timber fixed parallel to the eave line on which tiles are fixed



- (1) **Right lateral verge:** High aesthetics and safety against damage of the roof by displacement of the roof tiles by side winds
- (2) **Ridge end tile:** Ridge and lateral verge connection
- (3) **Left over eave**
- (4) **Left lateral verge**
- (5) **Round base:** Easy placement of antennas, solar components etc
- (6) **Stair carpet:** Easy access to the roof for equipment placement e.g. antennas
- (7) **Hip start:** Ridge finishing with high aesthetics
- (8) **Top under ridge tile:** Proper placement on the top avoiding access mortar
- (9) **Right/left top under ridge tile:** Proper placement on the top avoiding access mortar
- (10) **Two/Three /Four way ridge** connection with precision and great elegance\*
- (11) **Ridge tile**
- (12) **Ventilation:** Proper roof ventilation, avoidance of steam saturation and thus elongation of service life

