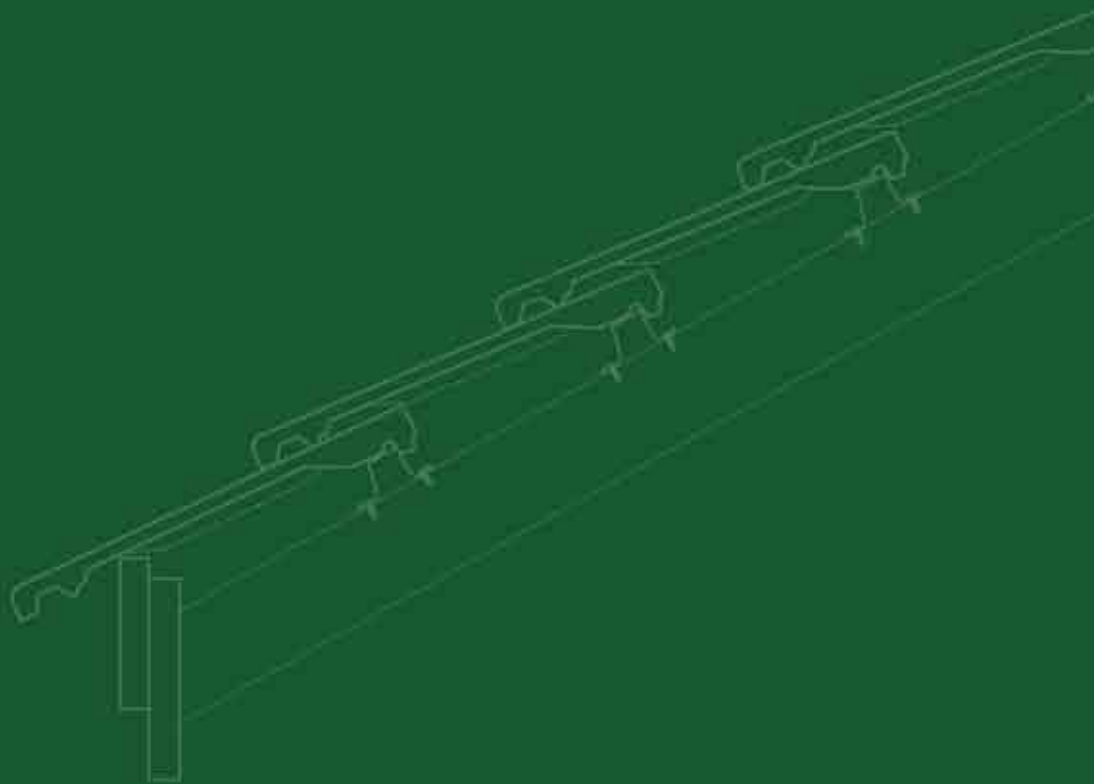


Prestige Installation Manual



Simply the Best...Prestige

PRESTIGE
by CPAC Monier



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Flat tiles, a new spirit by CPAC Monier

Today's concrete tiles are the accepted standard for modern houses. Due to its attractive profile which enhances the appearance of the house, as well as being strong and durable.

To widen your selection, CPAC Monier proudly presents Prestige - flat tile which is suitable for the simplicity of your house design. With attractive appearance, texture and colors.

Design

- Designed for easy installation, by using only one type of tile for the entire roof.
- Intricately designed to provide a unique attractive appearance - vertical square shape after installation of tiles.
- Interlocking system ensure stability, strength since the tiles will be attached as one big sheet with gutter at the side of the tile.

Easy install, safe with advance system

- Consequently, a fixing accessory set for Dry Tech System has been developed in order to increase the efficiency of the ridge and hip installation, and prolong durability by using the Mechanical System (fixing by screws) in stead of conventional method (mortar bedding). It does not only make the ridge and hip installation easier, but also obtain a certainty of installation standard.
- Installation is easy, convenient, fast and standardized. No requirement of special skills, expertise or special tools.
- No longer use mortar which is hard to clean when having some dirty stains.



Prestige Tile

Size: 33 X 42 cm.

Weight: 5.2 kg. / piece

Required quantity: 10-11 pieces / sq. m.

Angle Hip

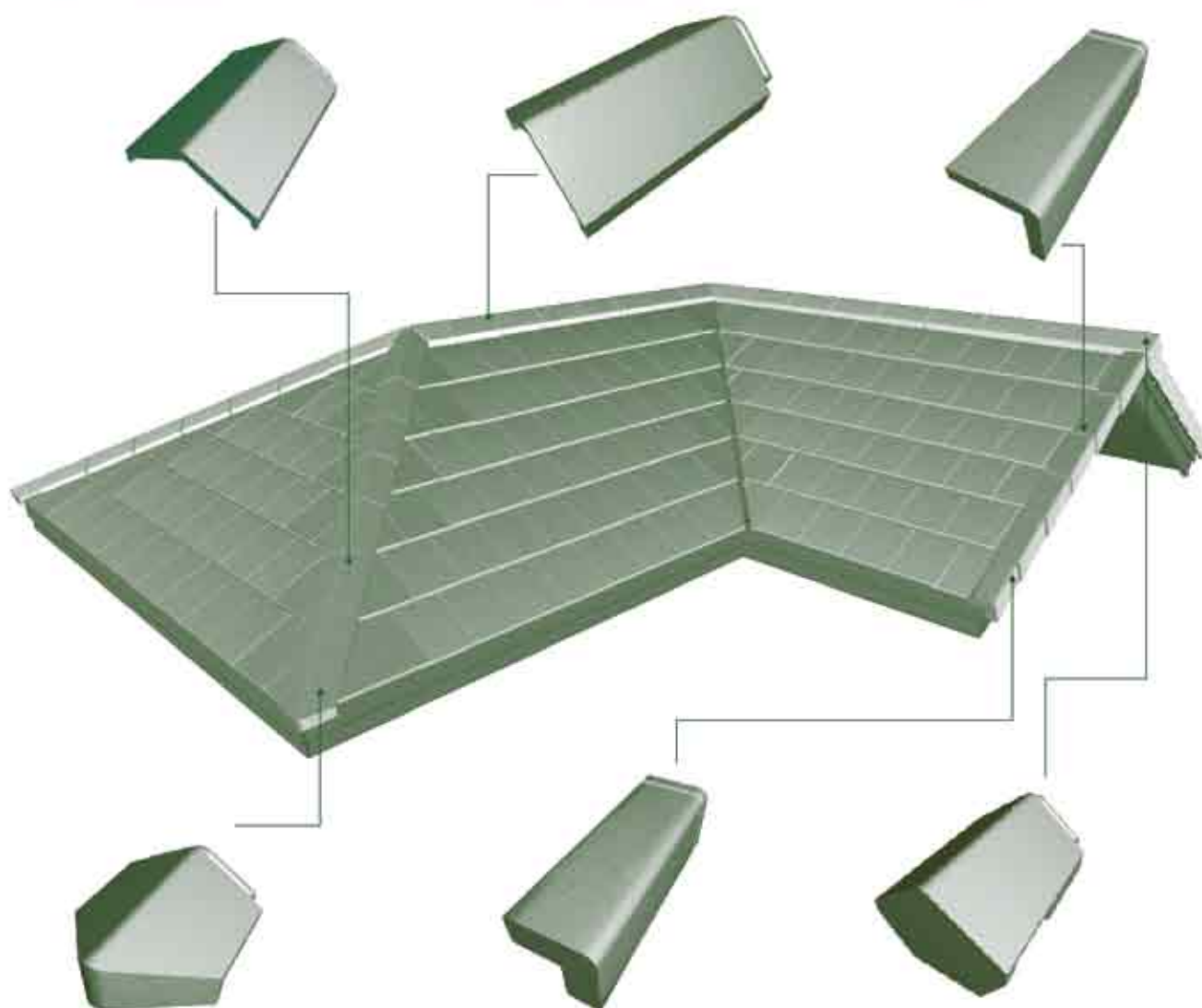
for covering roof hip
Requires 2.9 pieces / m.

Angle Ridge

for covering roof ridge
Requires 2.9 pieces / m.

Verge

for covering verge
Requires 3.1 pieces / m.



Angle Hip End

for covering
the end of hip.
Requires 1 piece / point

Verge End

for covering
verge end

Angle Ridge End

for covering
the end of gable ridge

Note: Approximate Size, Weight, and Quantity of usage.



2-inch self-drilling tile screw

used for fixing tiles to the CPAC Monier Batten and light-gauge steel tube batten with thickness of not more than 3.2 mm.

3-inch self-drilling tile screw

used for fixing tiles to the light-gauge steel angle batten with depth of not more than 30 mm, and thickness not exceeding 3.2 mm.

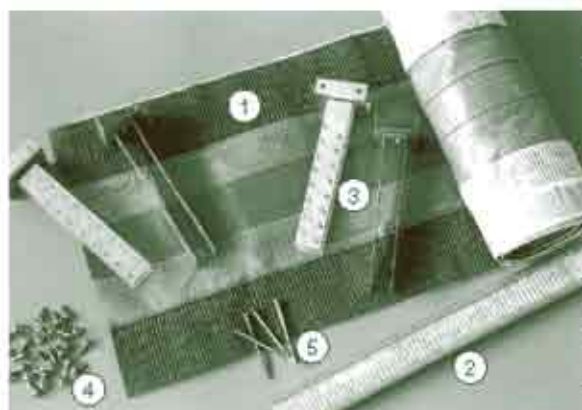
4-inch self-drilling tile screw

used for fixing tiles to the light-gauge steel angle batten with depth of not more than 50 mm, and thickness not exceeding 3.2 mm.

Tiles Fixing Accessories

Eaves clip

for hooking eaves tile to the fascia board (for added strength and durability)



Dry Tech System

1. Leakage Protection Unit (3 metres length)	1	roll
2. Supporting C-Line (3 metres length)	1	bar
3. Supporting unit	4	pieces
4. Batten screw	32	pieces
5. 2.5 inches self-drilling tile screw	20	pieces



Require tools

1. Electric drill	6. Concrete twist drill (ø 3 1/8 inch diameter)
2. Cross-point twist	7. Cross-point screwdriver
3. Electric grinder	8. Measuring tape
4. Plier	9. String
5. Pencil	10. Razor blade cutter

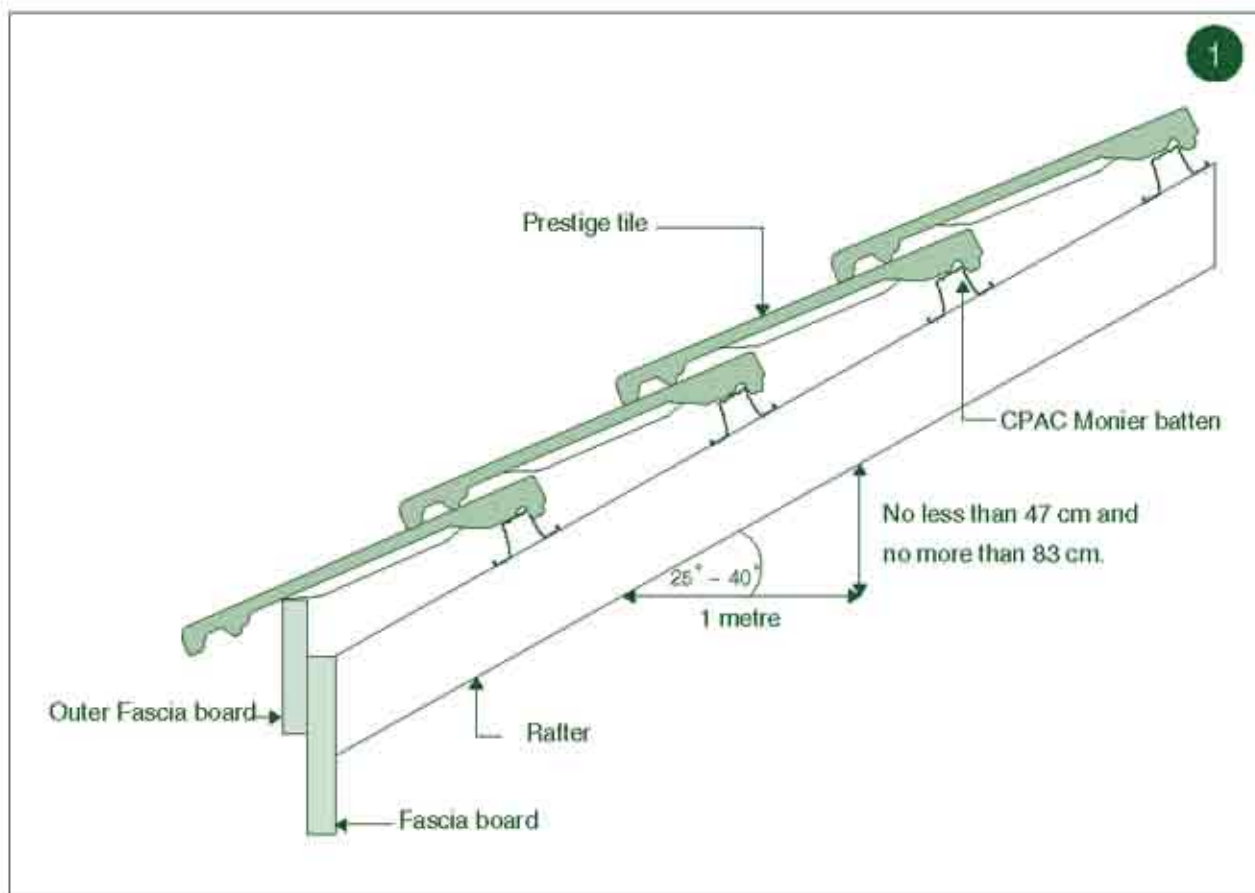
The Installation Instructions For The Leakage Protection Unit

To prevent any damages especially to the leakage protection unit, the roofer should be careful and follows the following instructions.

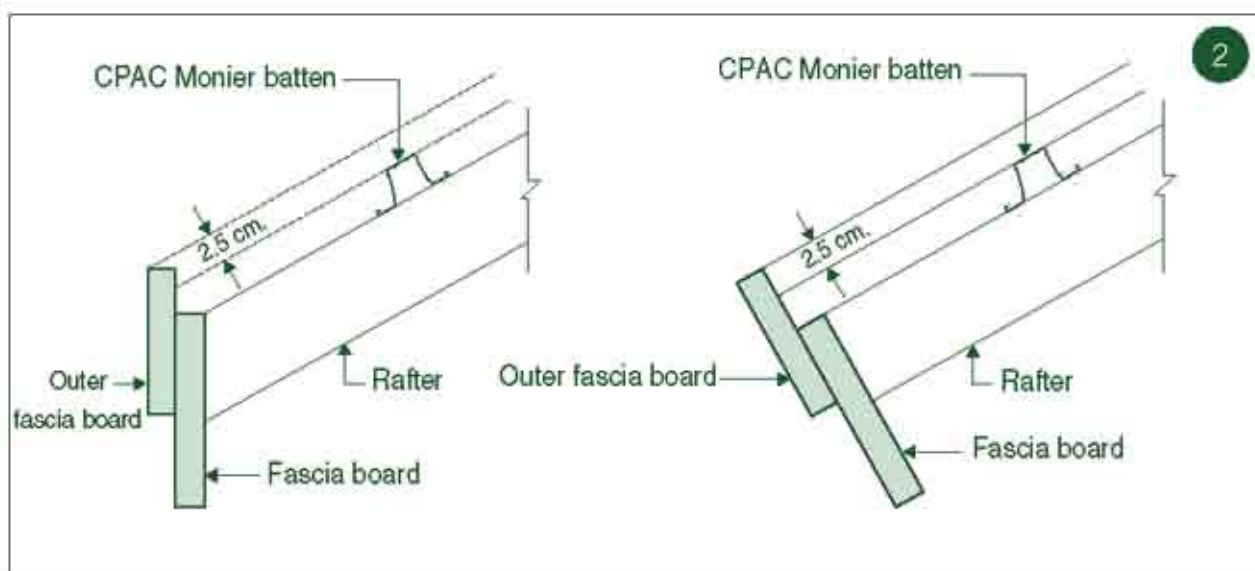
- The surface of tile, where the leakage protection unit will be placed on, must be clean, no dust, no oil stain and humidity.
- Do not remove the glue-covered tape until you assure the positions and apply this instruction for both sides.
- In case the leakage protection unit has been used and removed, due to placing on the wrong position, it will not be able to be reused.

The right method of installation

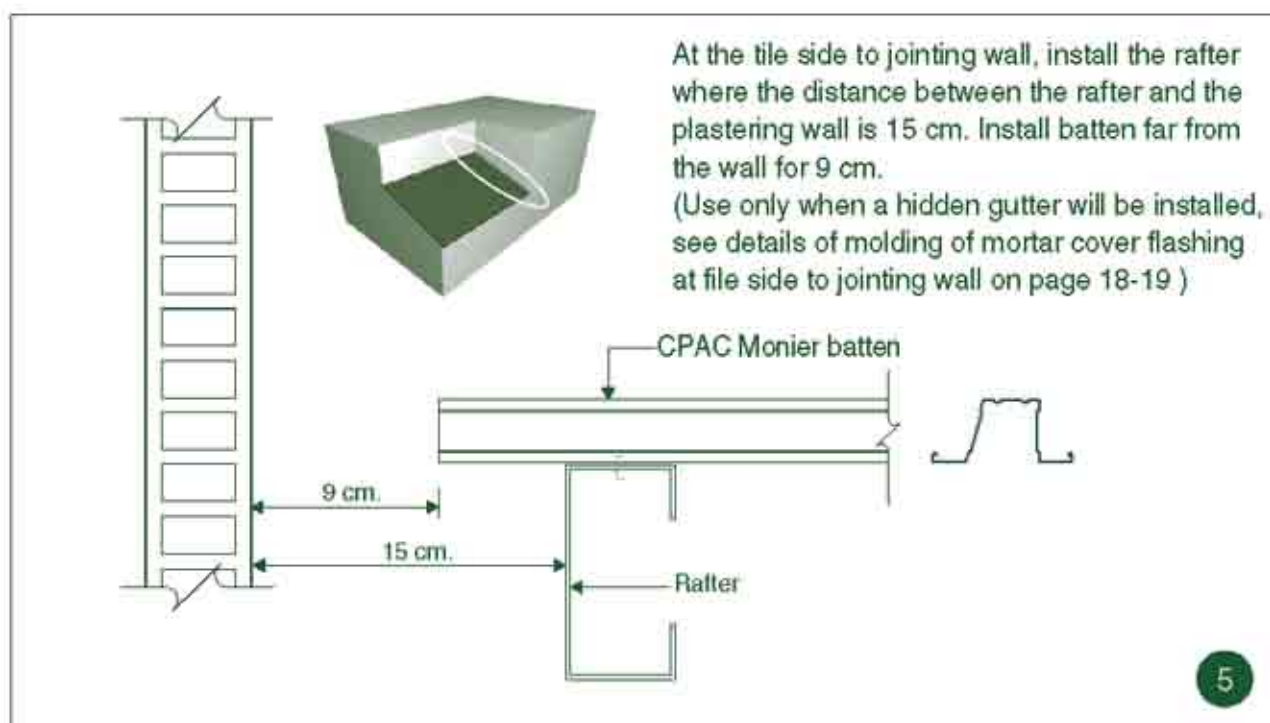
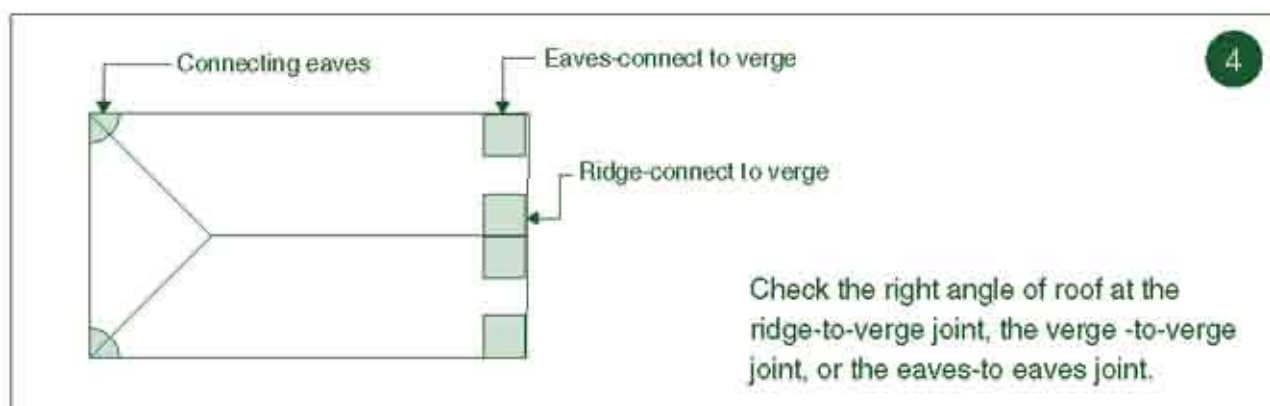
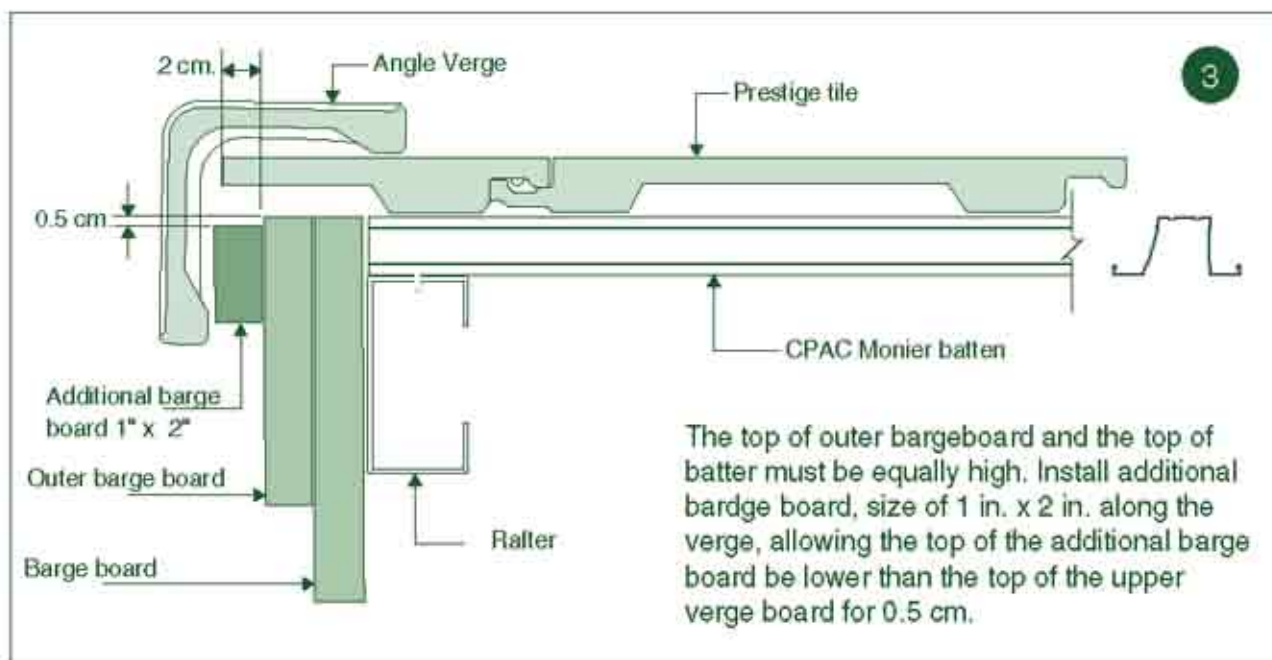
- Place the leakage protection unit along the ridge line or hip line.
- When the spacing adjustment is finished as needed, remove the glue-covered tap and press the leakage protection unit on the both sides of roof tiles.
- Press along the edge of leakage protection unit, be assure that the glue tape adhered with tile surface perfectly. (see Angle Ridge and Angle Hip Installation on page 12-15)

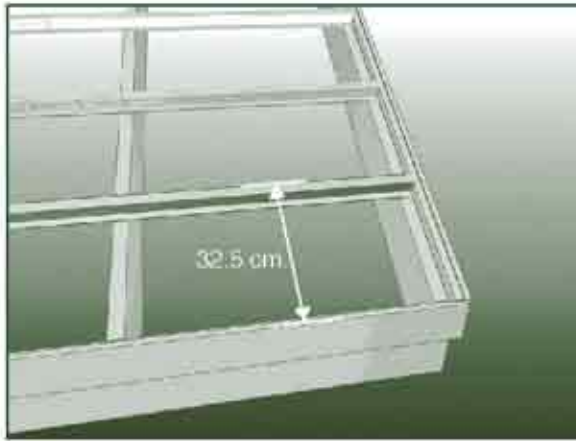


The minimum roof pitch must not less than 25 degrees (at the horizontal line of 1 metre, the rafter must be elevated not less than 47 cm). But the maximum roof pitch should not exceed 40 degrees (at the horizontal line of 1 metre, the rafter must be elevated not more than 83 cm). **The top of each rafter must be completely level, otherwise the tiles laid will not be even.**

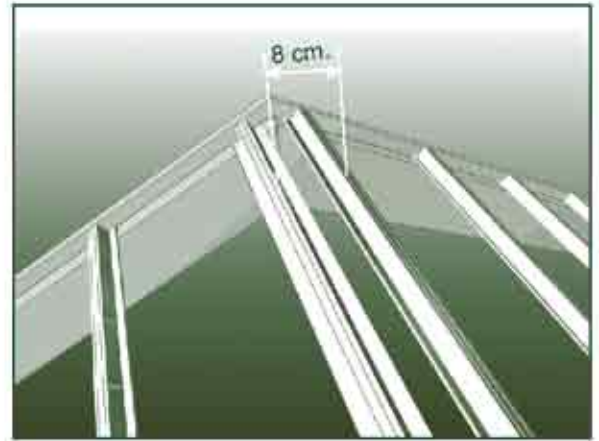


The top of outer fascia board must be raised 2.5 cm higher than the top of batten. Installation must be in the correct level, and make sure that they are straight and not crooked.

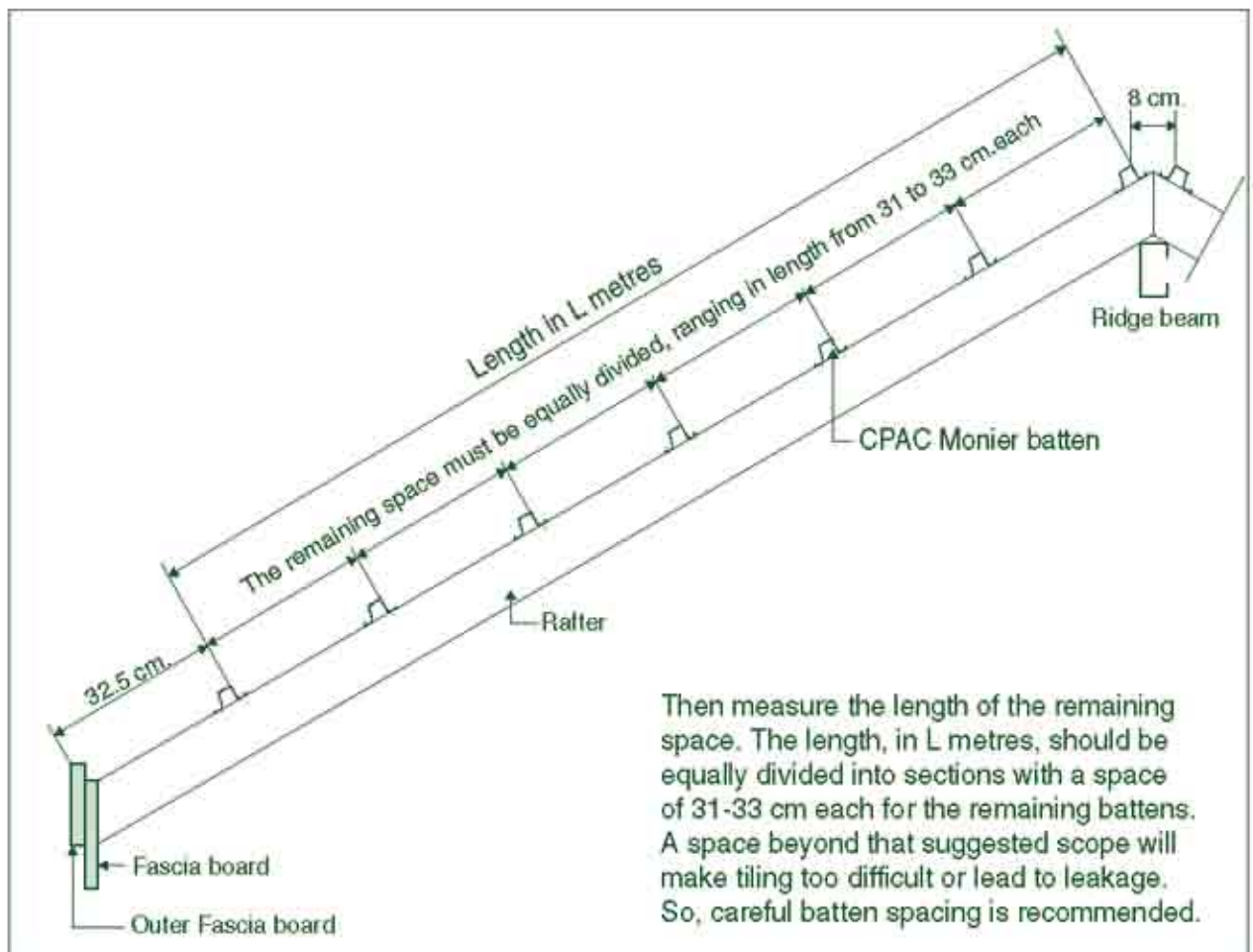




Fixing a first row of batten by keeping the distance from the outer edge of the outer fascia board to the top edge of the batten at 32.5 cm.



Fixing the pair of battens at the ridge by keeping the gap between each other of 8 cm.



How to calculate batten spacing

1. Suppose the remaining space (L) is 5 metres.
2. Find the closest length to L in the Batten Spacing Chart; it is 5.01 metres. Therefore, L here equals 5.01 metres.
3. From the chart, the remaining space should be divided into 16 rows, each of them 31.3 cm long. (See Batten Spacing Chart for Prestige tiles on page 9.)

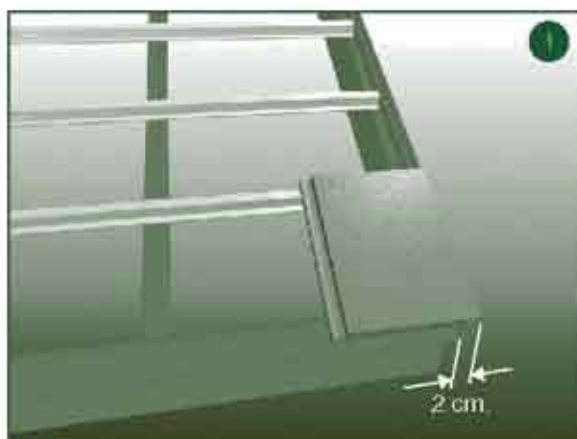
BATTEN SPACING CHART FOR PRESTIGE TILES

Number of batten rows

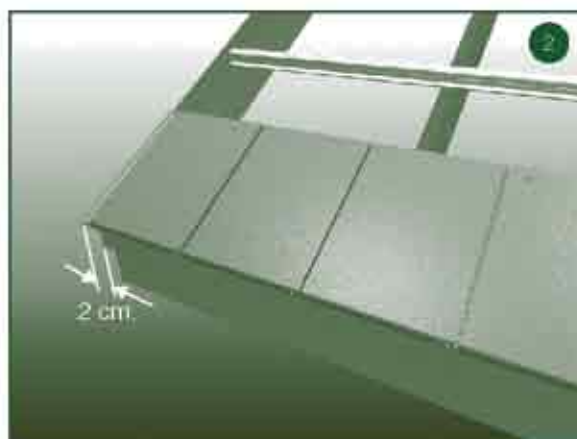
Batten Spacing

cm	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
31.00	0.31	0.62	0.93	1.24	1.55	1.86	2.17	2.48	2.79	3.10	3.41	3.72	4.03	4.34	4.65	4.96																				
31.10	0.31	0.62	0.93	1.24	1.56	1.87	2.18	2.49	2.80	3.11	3.42	3.73	4.04	4.35	4.67	4.98	5.29																			
31.20	0.31	0.62	0.94	1.25	1.56	1.87	2.18	2.50	2.81	3.12	3.43	3.74	4.06	4.37	4.68	4.99	5.30	5.62																		
31.30	0.31	0.63	0.94	1.25	1.57	1.88	2.19	2.50	2.82	3.13	3.44	3.75	4.07	4.38	4.70	5.01	5.32	5.63	5.95																	
31.40	0.31	0.63	0.94	1.26	1.57	1.88	2.20	2.51	2.83	3.14	3.45	3.77	4.08	4.40	4.71	5.02	5.34	5.65	5.97	6.28																
31.50	0.32	0.63	0.95	1.26	1.58	1.89	2.21	2.52	2.84	3.15	3.47	3.78	4.10	4.41	4.73	5.04	5.35	5.67	5.99	6.30	6.62															
31.60	0.32	0.63	0.95	1.26	1.58	1.90	2.21	2.53	2.84	3.16	3.48	3.79	4.11	4.42	4.74	5.05	5.37	5.69	6.00	6.32	6.64	6.95	7.27													
31.70	0.32	0.63	0.95	1.27	1.58	1.90	2.22	2.54	2.85	3.17	3.48	3.80	4.12	4.44	4.76	5.07	5.39	5.71	6.02	6.34	6.66	6.97	7.29	7.61	7.93											
31.80	0.32	0.64	0.95	1.27	1.59	1.91	2.23	2.54	2.86	3.18	3.50	3.82	4.13	4.45	4.77	5.09	5.41	5.72	6.04	6.36	6.68	7.00	7.31	7.63	7.95	8.27	8.59									
31.90	0.32	0.64	0.95	1.28	1.60	1.91	2.23	2.55	2.87	3.19	3.51	3.83	4.15	4.47	4.79	5.10	5.42	5.74	6.06	6.38	6.70	7.02	7.34	7.66	7.98	8.30	8.61	8.93	9.25							
32.00	0.32	0.64	0.96	1.28	1.60	1.92	2.24	2.56	2.88	3.20	3.52	3.84	4.16	4.48	4.80	5.12	5.44	5.76	6.08	6.40	6.72	7.04	7.36	7.68	8.00	8.32	8.64	8.96	9.28	9.60	9.92	10.24				
32.10	0.32	0.64	0.96	1.28	1.61	1.93	2.25	2.57	2.89	3.21	3.53	3.85	4.17	4.49	4.82	5.14	5.46	5.78	6.10	6.42	6.74	7.06	7.38	7.70	8.03	8.35	8.67	8.99	9.31	9.63	9.95	10.27	10.59	10.91	11.24	
32.20	0.32	0.64	0.97	1.29	1.61	1.93	2.25	2.58	2.90	3.22	3.54	3.86	4.18	4.51	4.83	5.15	5.47	5.80	6.12	6.44	6.76	7.08	7.41	7.73	8.06	8.38	8.70	9.02	9.34	9.66	9.98	10.30	10.63	10.95	11.27	
32.30	0.32	0.65	0.97	1.29	1.62	1.94	2.26	2.91	3.23	3.55	3.87	4.20	4.52	4.85	5.17	5.49	5.81	6.14	6.46	6.78	7.11	7.43	7.75	8.08	8.40	8.72	9.04	9.37	9.69	10.01	10.34	10.66	10.99	11.31		
32.40	0.32	0.65	0.97	1.30	1.62	1.94	2.27	2.92	3.24	3.56	3.88	4.21	4.54	4.86	5.18	5.51	5.83	6.16	6.48	6.80	7.13	7.45	7.78	8.10	8.42	8.75	9.07	9.40	9.72	10.04	10.37	10.69	11.02	11.34		
32.50	0.33	0.65	0.98	1.30	1.63	1.95	2.28	2.93	3.25	3.58	3.90	4.23	4.55	4.88	5.20	5.53	5.86	6.18	6.50	6.83	7.15	7.48	7.80	8.13	8.45	8.78	9.10	9.43	9.75	10.08	10.40	10.73	11.05	11.38		
32.60	0.33	0.65	0.98	1.30	1.63	1.96	2.28	2.94	3.26	3.59	3.91	4.24	4.56	4.89	5.22	5.54	5.87	6.19	6.52	6.85	7.17	7.50	7.82	8.15	8.48	8.80	9.13	9.45	9.78	10.11	10.43	10.76	11.08	11.41		
32.70	0.33	0.65	0.98	1.31	1.64	1.96	2.29	2.95	3.27	3.60	3.92	4.25	4.58	4.91	5.23	5.56	5.89	6.21	6.54	6.87	7.19	7.52	7.85	8.18	8.50	8.83	9.16	9.48	9.81	10.14	10.46	10.79	11.12	11.45		
32.80	0.33	0.66	0.98	1.31	1.64	1.97	2.30	2.96	3.28	3.61	3.94	4.26	4.59	4.92	5.25	5.58	5.90	6.23	6.56	6.89	7.22	7.54	7.87	8.20	8.53	8.86	9.18	9.51	9.84	10.17	10.50	10.82	11.15	11.48		
32.90	0.33	0.66	0.99	1.32	1.65	1.97	2.30	2.97	3.29	3.62	3.95	4.28	4.61	4.94	5.26	5.59	5.92	6.25	6.58	6.91	7.24	7.57	7.90	8.23	8.55	8.88	9.21	9.54	9.87	10.20	10.53	10.86	11.19	11.52		
33.00	0.33	0.66	0.99	1.32	1.65	1.98	2.31	2.98	3.30	3.63	3.96	4.29	4.62	4.95	5.28	5.61	5.94	6.27	6.60	6.93	7.26	7.59	7.92	8.25	8.58	8.91	9.24	9.57	9.90	10.23	10.56	10.89	11.22	11.55		

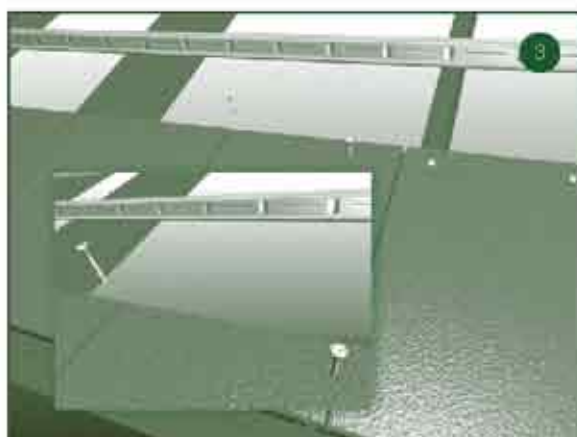
Length, in metre



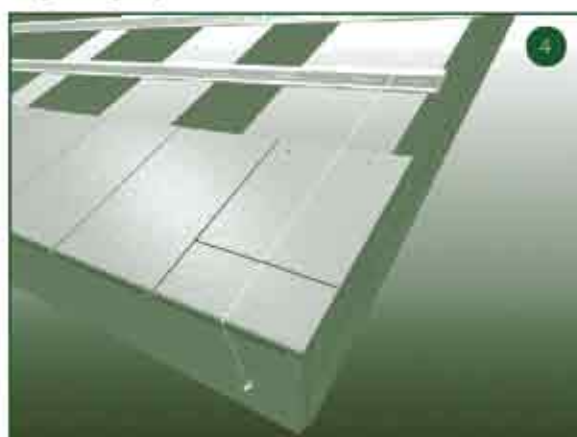
The first row of tiles must be laid on the fascia. Start from the far right side and leave an extra 2 cm of tile from the edge of the outer barge board. (See Fig. 1 on page 11 about installation of angle verges.)



Complete first full row of tiles at eaves, always leaving the last tiles on both sides of the row an extra 2 cm from the edge of the outer barge board. (See Fig. 1 on page 11 about installation of angle verges.)



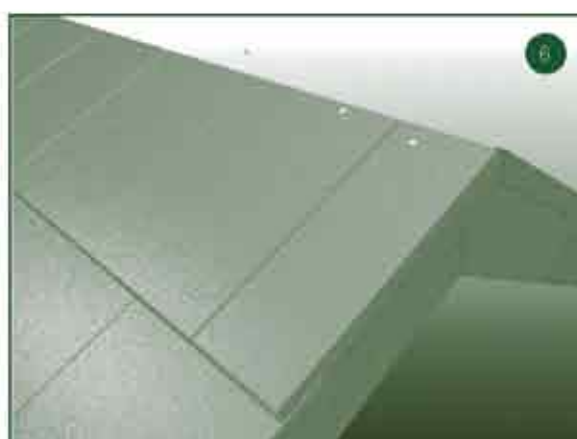
Fix all tiles in the first row with batten, using two 2-inch self-drilling tile screws for each tile. (See instructions on how to secure Prestige tiles below.)



Before laying next row of tiles, locate the middle point of the first tile at the right end and stretch a string from the ridge to the eaves over that point to ensure alignment of tiles at the verge.



Lay the next rows of tiles alternatively in broken bond manner proceeding upward from the first row at eaves. Stretch a string between the ridge and the eaves at a span of every 10 tiles to ensure alignment.

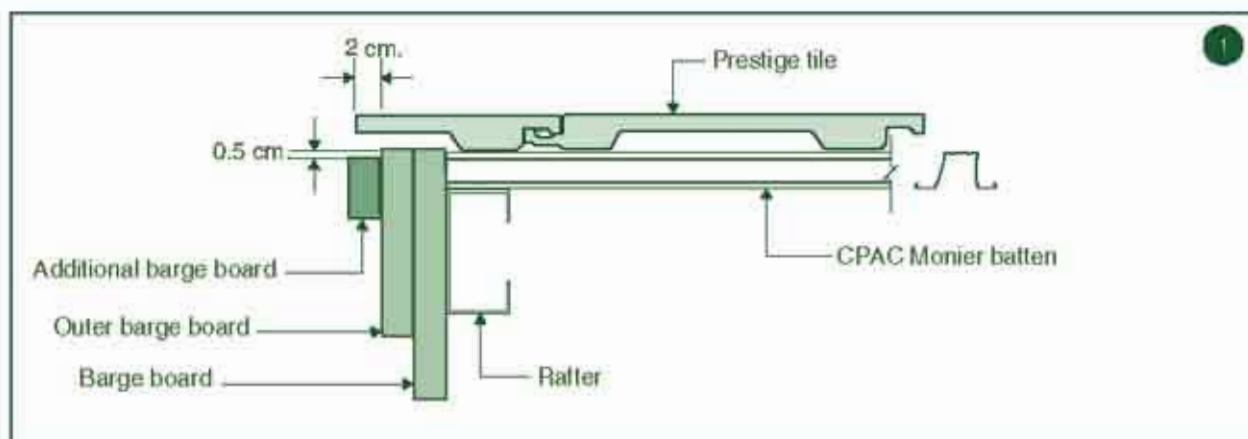


Tiles at the next rows twice screwed with 2-inch self-drilling tile screw every second row at least. Please keep in mind that the last rows at the ridge always have to screw.

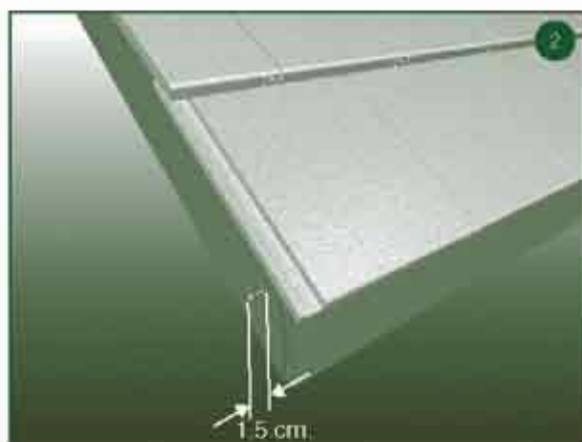
10

Instructions on how to secure Prestige tiles

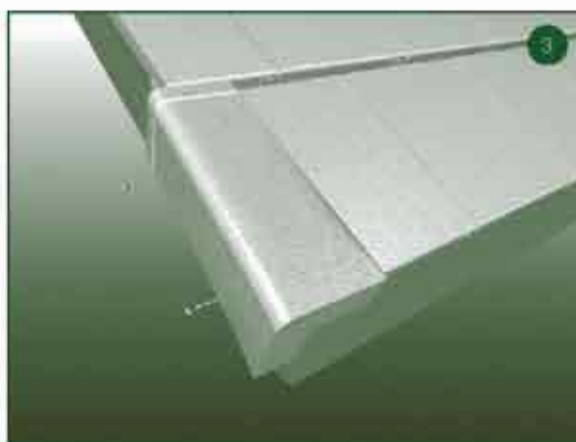
1. Use the right size of screws for batten (See page 5).
2. Fix tiles with tile screws at least in every second row. In high wind condition, all tiles twice screwed every row and every tile of first row at eaves clipped by using eaves clip.



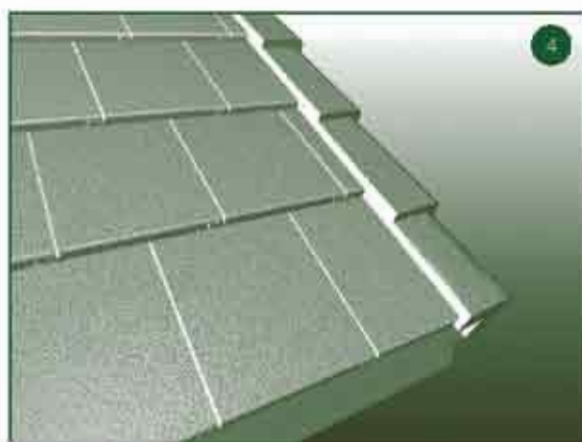
Before the installation of Verge, check the level of additional barge board top which must be lower than the level of outer barge board top for 0.5 cm., and the tile at the end of gable must overhang the outer barge board for 2 cm.



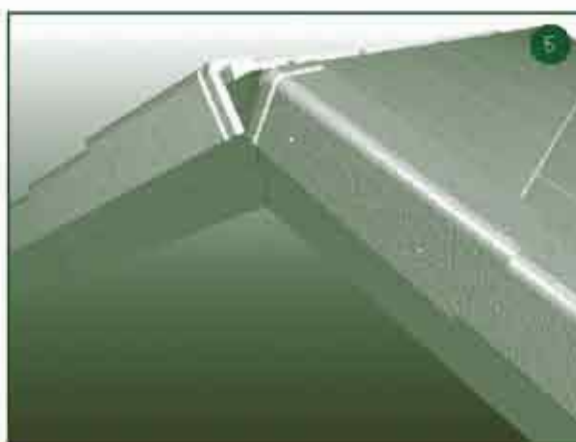
Nail a screw to support the verge end, leaving an extra 1.5 cm of the screw from the additional barge board to ensure that the verges are well aligned.



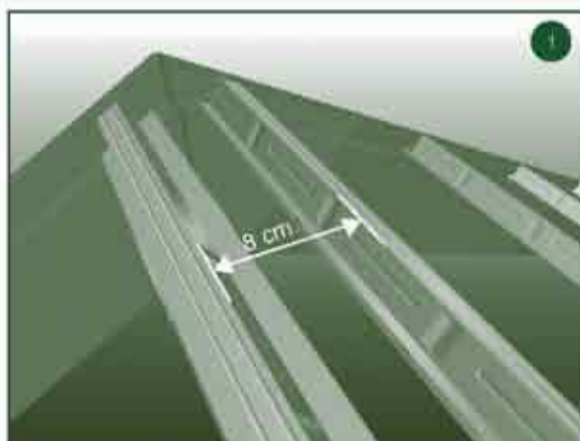
Begin with the verge end. Place it exactly on top of the outermost tile in the first row, with its top end touching the outermost tile in the second row. Fix the verge end with two 2.5-inch, No. 8 screws.



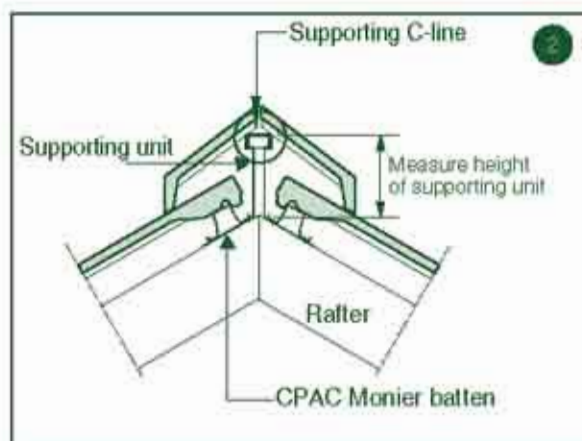
Lay the next verges up to the ridge. Make sure that their top ends completely adjoin the edges of the outer tiles in the next rows. Fix each of the verges with two 2.5-inch, No. 8 screws.



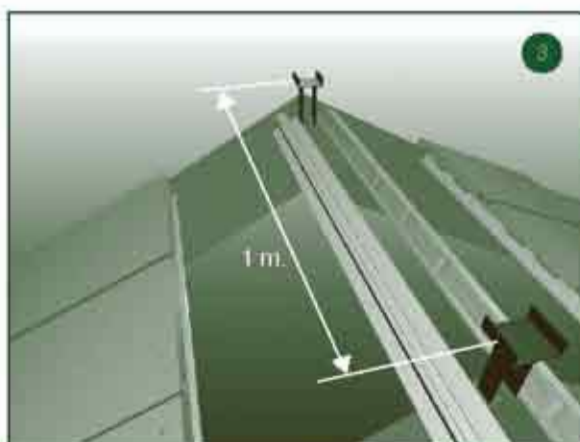
The last verges at the roof ridge should be as close to each other as possible. The verges should be neatly laid so that they are well aligned.



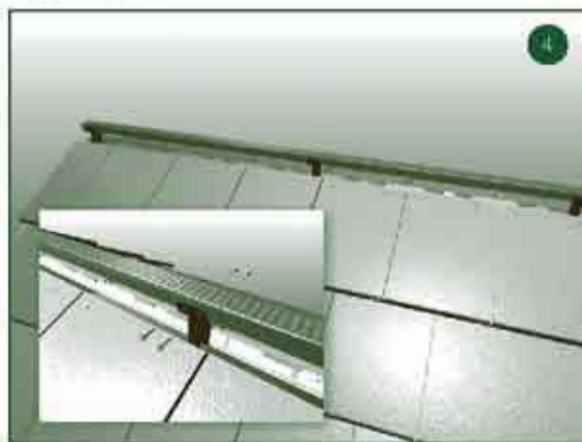
Make sure that the pair of top battens at the ridge are 8 cm apart.



Place Angle Ridges on tiles with a space of 1 metre and keep them aligned with the ridge. Insert supporting C-line under Angle Ridges and lift it up to touch the inner side of the ridges. Measure the height from the top of batten to the supporting C-line to determine the height of supporting units.



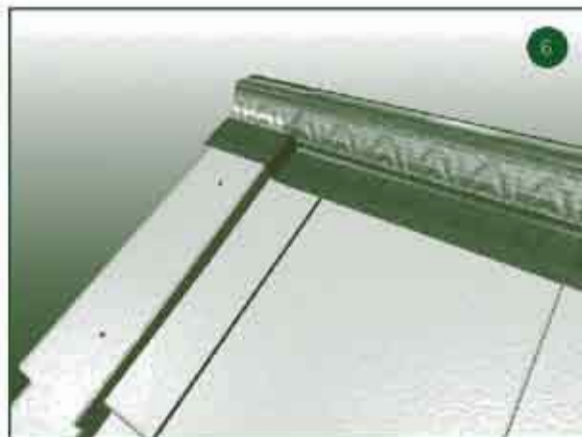
Loosen batten screws and insert supporting units under the top battens. Then fix the battens and supporting units with rafter, using batten screws and leaving a space of no more than 1 metre between the supporting units.



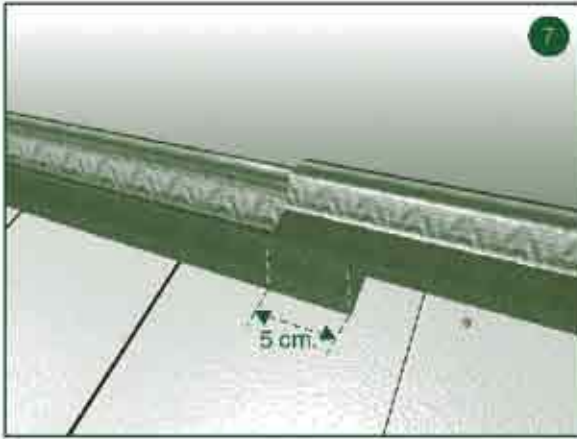
Use 4 batten screws to fix each supporting unit with the supporting C-line. The supporting C-line must be level and placed along the middle line of the roof ridge.



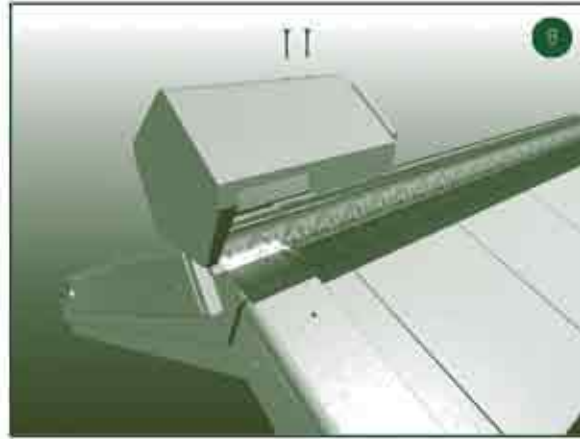
Place one ridge tile on the ridge to determine the area for a leakage protection unit, which must not overlap the edge of Angle Ridges and has to cover about 8 cm of the top tiles. Then mark the top tiles on both sides of the roof ridge to be covered with the leakage protection unit.



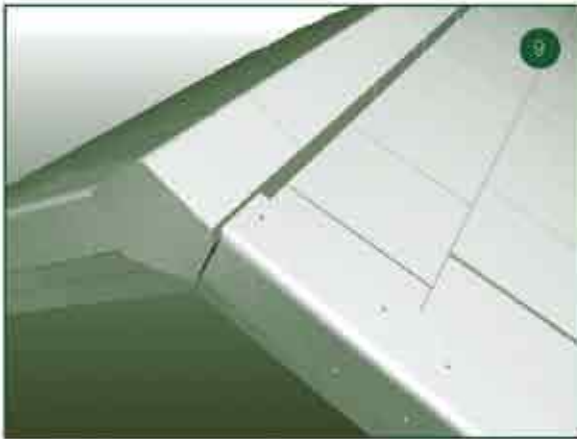
Before installing the leakage protection unit, make sure that the marked area is clean and free of dust, oil stains or moisture. Then remove plastic cover and neatly press the leakage protection unit onto the tiles and Angle Ridges. Caution that a wrongly placed leakage protection unit cannot be reused after it is removed.



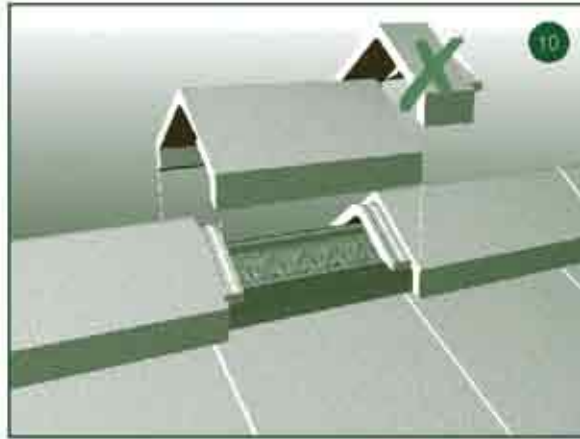
Connect the leakage-protection unit, leaving about 5 cm. overlap, then press to ensure secure fit.



Install the Prestige Angle Ridge. Begin with the Angle Ridge end by securely (not too tight to avoid breaking the Angle Ridge) fixing it to the supporting C-line with two 2.5 inch self-drilling tile screws.



Place the Angle Ridge along the ridge to estimate the coverage length. Stretch a cord string from one end of the Angle Ridge to another end to ensure alignment of the Angle Ridge. Attach the Angle Ridge to the supporting C-line with two 2.5 inch self-drilling tile screws.



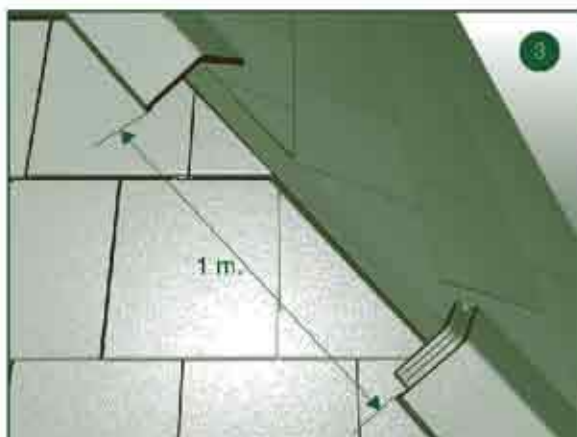
At the midst of roof ridge, if the Angle Ridge can't be placed on the rest space, cut one end of Angle Ridge with electric grinder, at the end which has water channel.



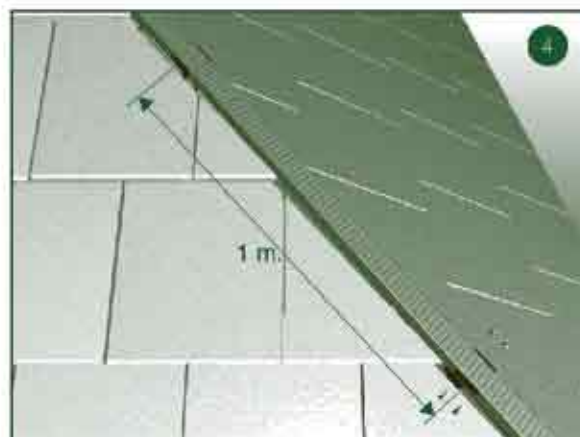
Fill the hip area with cut tiles, leaving a space of 5 cm between the bits. The end of the outermost pair of tiles, which overhangs the fascia, should be placed as close to each other as possible, with the adjoining sides having a 45-degree angle.



Fasten the tile bits by drilling their adjoining sides and holding them together with No. 18 galvanized wire or screws. Note that the hip area must be completely filled with tile bits.



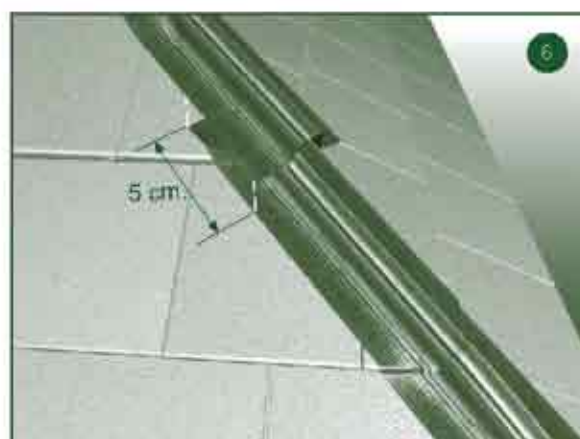
Place the angle hip on the hip with a span of about 1 metre and make sure that they are aligned with the hip. Insert a supporting C-line under hip tiles and lift it up to touch the inner side of the angle hips. Measure the height from the top of hip rafter to the top of the supporting C-line to determine the space between supporting units.



Fix supporting units with the hip rafter, using batten screws and leaving a space of no more than 1 metre between them. Then fasten the C-line to the supporting units, using four batten screws for each of them. Make sure that the top of the supporting C-line completely touches the inner sides of the angle hips.



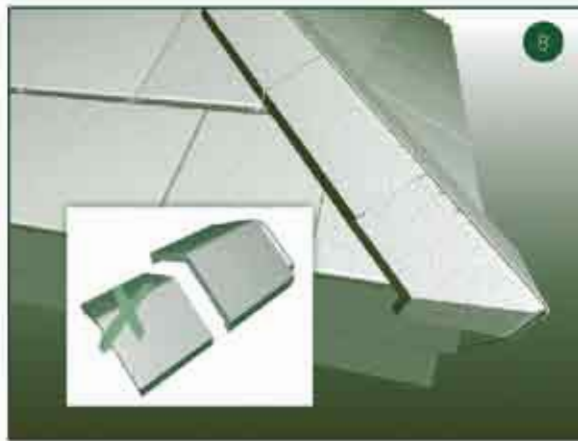
Place the angle hip on the hip to determine the area for a leakage protection unit, which must not overlap the edge of angle hips and has to cover about 8 cm of the adjacent tiles. Then mark the adjacent tiles to be covered with the leakage protection unit.



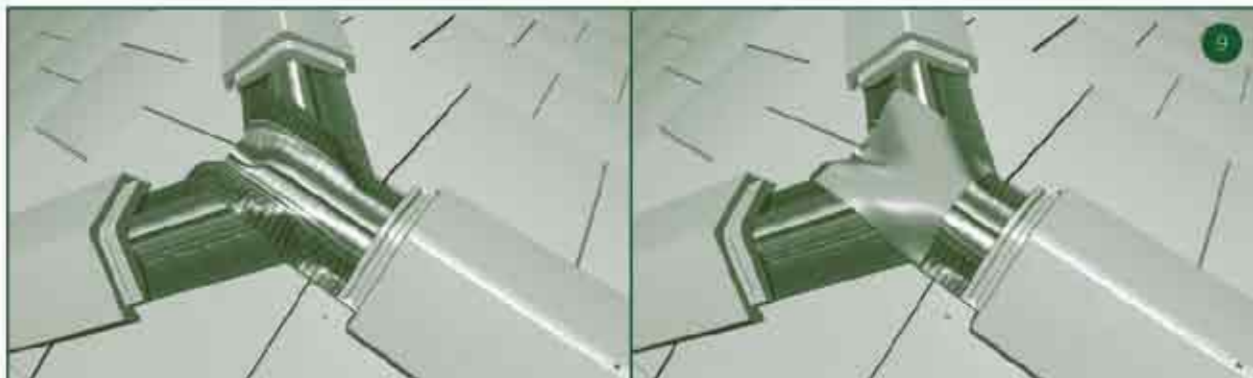
Before installing the leakage protection unit, make sure that the marked area is clean and free of dust, oil stains or moisture. Then remove the plastic cover and neatly press the leakage protection unit onto the tiles. In case more than one leakage protection unit is needed, one end of the next unit should be on top of the previous one and overlap it for about 5 cm.



Install the angle hip end first, then attach the angle hip end to the supporting C-line with two 2.5-inches self-drilling tile screws.



Install the next angle hip. Attach every angle hip to the supporting C-line with two 2.5-inches self-drilling tile screws. Align the top angle hip with the cod string. Cut off the cover lock end (the side without the water duct) if the last angle hip apex is too long.



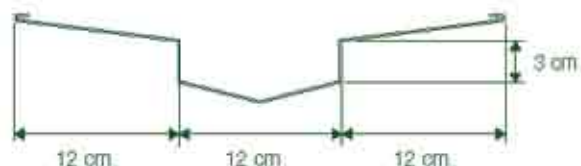
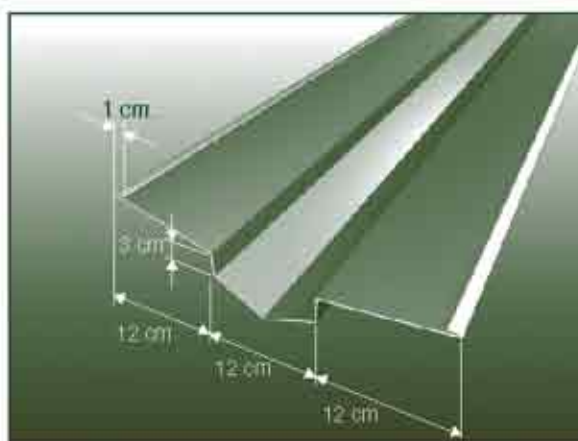
At the 3-way apex, install CPAC Monier Flashing over the leakage protection unit before installing the angle hip (use only one piece of CPAC Monier Flashing).



At the ridge apex joint, cut the angle hip and angle ridge with electric grinder, apply silicone to the joining points, and apply paint.



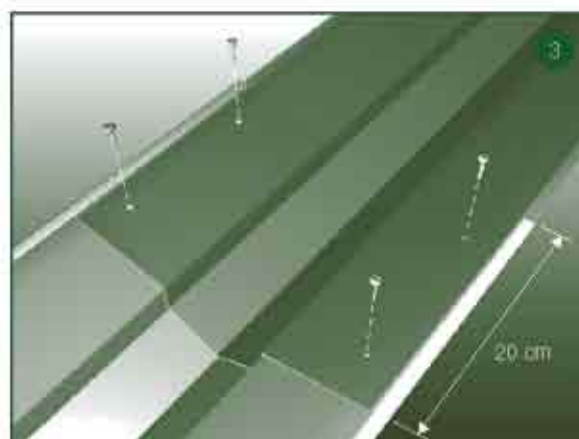
At the 4-way apex follow the procedures described in # 9 and # 10 accordingly.



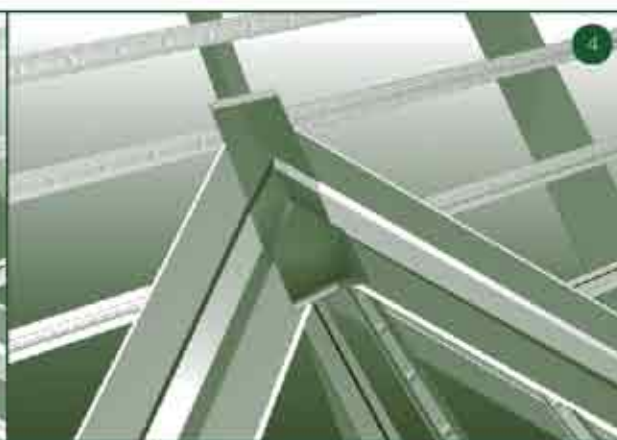
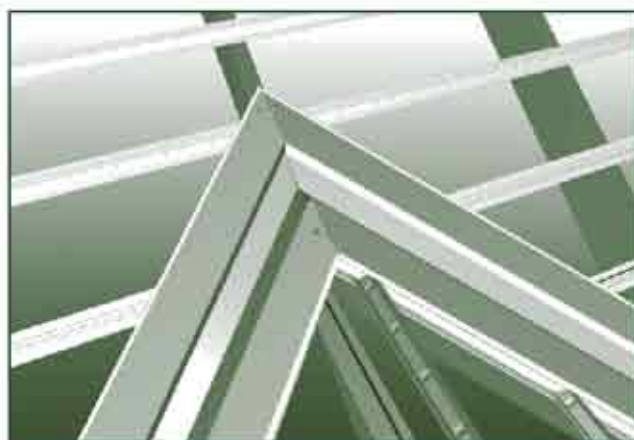
The proper size of a valley trough is 12 cm wide and 3 cm deep, with each of both wings 12 cm wide. Both edges of the two wings are folded inwards. This size of trough applies to a valley no longer than 6 m. or one below a catchment area no greater than 36 sqm. (If not in normal case, Pls contact The CPAC Roof Tile Co., Ltd. for further informations.)



Before installation, valley lining should be made at the interval of 14 cm. Fasten two battens, with each of them 7 cm away from the valley's centerline.



Valley troughs can be joined by leaving one overlap another for at least 20 cm. Use no soldering.



At the head of valley rafter, in case two troughs meet, cut their ends diagonally (preferably 45 degrees) to allow both ends to form an angle. Then place both ends of the troughs as close to each other as possible before covering the joint with a CPAC Monier Valley Flashing. Fold 2 cm of the flashing's edges as splash diverter rib and press the flashing neatly onto the valley troughs.



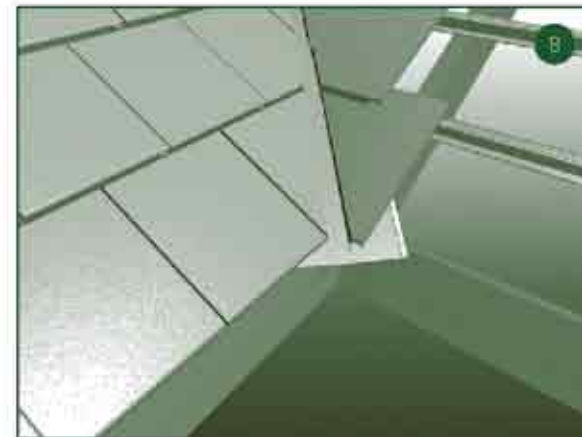
In case of one - way valley, the trough was against the roof ridge, fold the Vally though head up to the height of 2.5 cm.



Cut the tile along the valley with electric grinder, leaving about 3 cm. gap between the tiles along the valley's central dividing line.



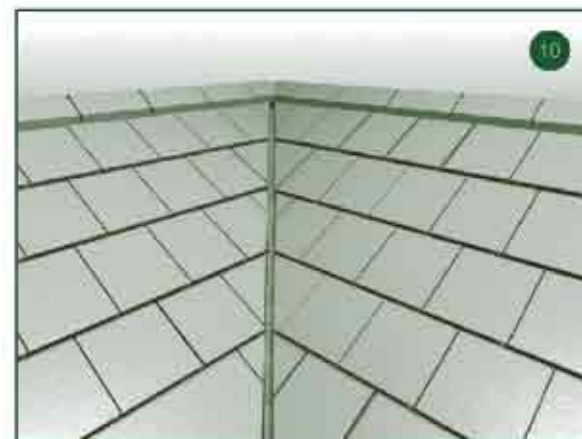
Hammer and take out the nip of batten lay on the Valley Trough wings. Drill the tile bit, fix it to the above batten with galvanized wire no. 18 and fix beside tile with silicone.



For the valley trough at eaves, fit the angle to the edge of eaves tile.

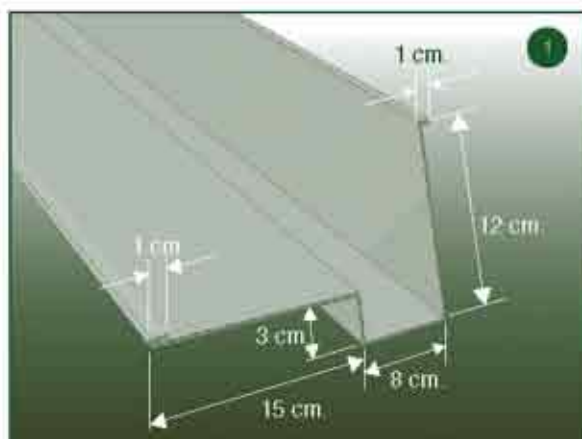
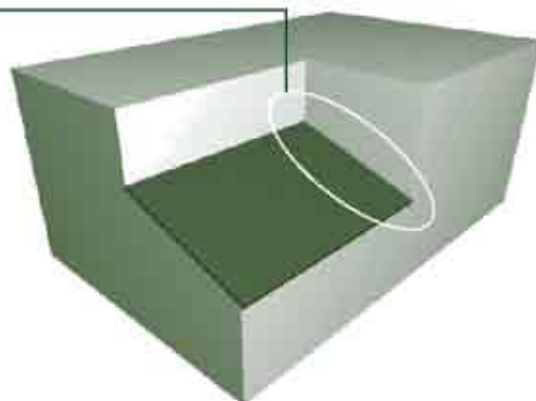


At the valley trough end on the roof area, allow the end of the valley trough to cover half of the tile on the lower portion and flat the trough end down to the under tile to avoid slight opening.

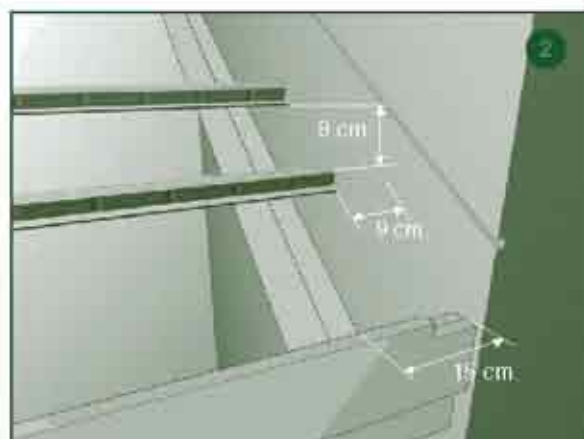


Place the tile bits and paint the cutting edge of accordingly.

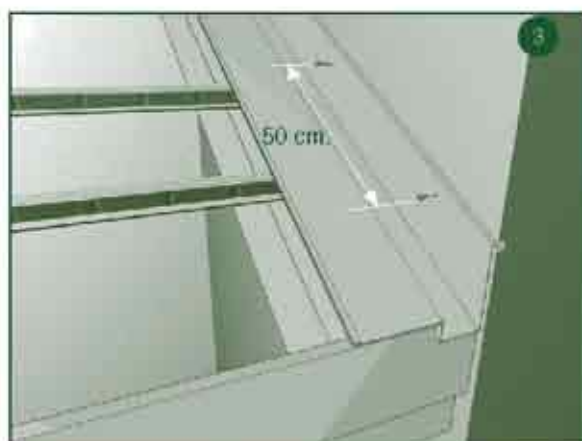
In case of hidden gutter, be used when the eaves not protrude over the wall.



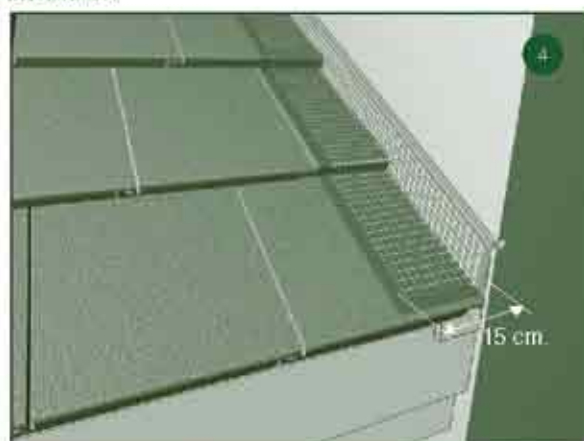
Install a hidden gutter, bottom width (8 cm.) and depth of 3 cm. at the tile side to the jointing wall. Fold up the right and left wings of gutter as shown in the diagram.



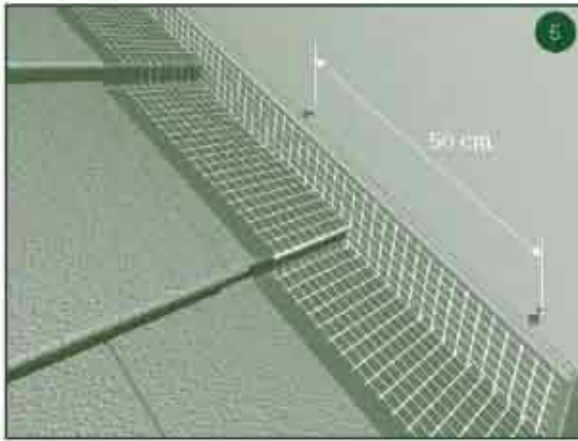
Install the first rafter at the side of the jointing wall, leaving 15 cm. distance between the rafter and the plastering wall. Leave a span of 9 cm. between the batten head and the wall. On the wall (about 9 cm. above the batten top), use a concrete cutter to make a 1 cm. deep groove along the wall to accommodate the gutter installation.



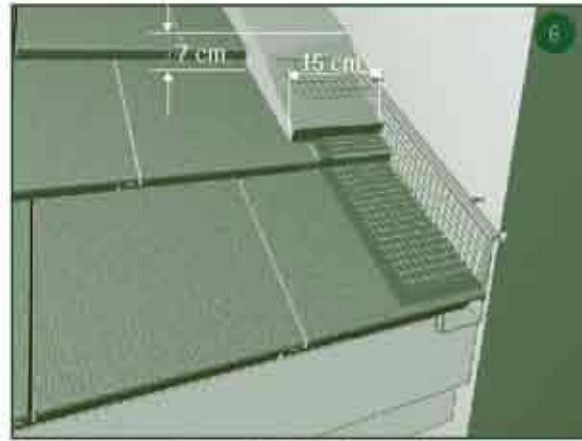
Install a hidden gutter by inserting the edge of the gutter wing into the groove, fix the gutter wing to the wall with a 40 mm. anchor screw, or # 8 plastic anchor, at each 50 cm. interval distance. (For the hidden gutter edge at the eaves, notch outer fascia board fit gutter size, and let hidden gutter protrude over the edge of outer fascia board by about 1 cm.)



Place the tiles as close as possible against the wall, put the lead flashing strip and square wire mesh (1 inch size and 15 cm. wide). Place it on the tile and insert the edge of the lead flashing strip and the wire mesh into the groove where the hidden gutter has been installed. Apply silicone to hold it securely.



Install Expansion Bolt - 1/4 in diameter and 2 inches in length above the groove for 1 cm - at a span of every 50 cm.

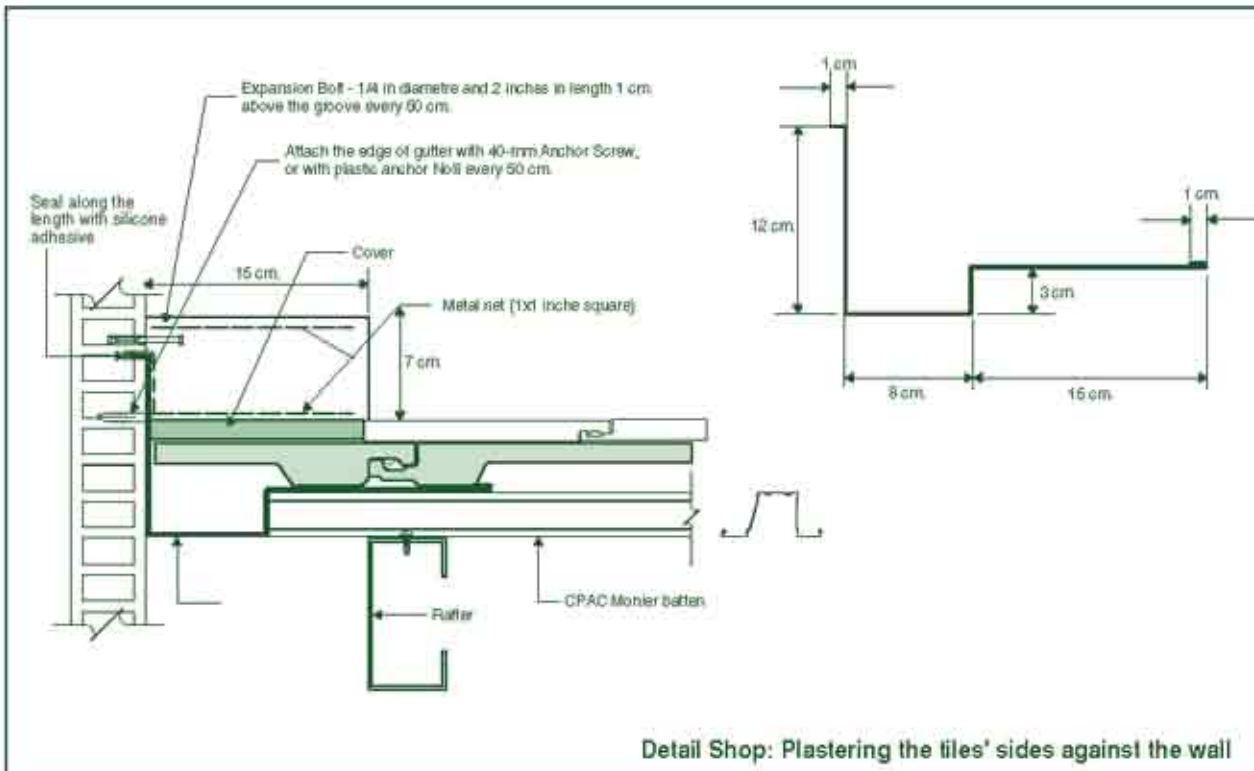


Mold the mortar abutment by using 1 proportion of cement and 3 proportion of fine sand mixed with water. When place it on the tile, there should not be cement water strain running-out. The width of mortar abutment should cover the roof tile for about 15 cm. and the height is 7 cm. Place wire mesh, size 1 in. on the surface of mortar abutment to prevent any cracks.



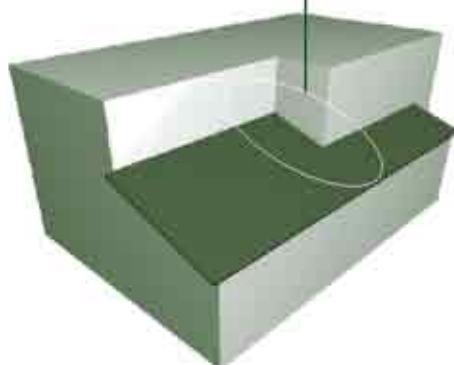
In case there is white stain from cement water, clean tiles with a dry sponge or fabrics suddenly. While molding the mortar abutment, be careful not to make any cracks on tile or cement water strain on the roof tile. Becareful, there should not be any cracking of tiles, otherwise the cement roof slab must be taken out and the new tiles must be replaced.

Note: Plastering the side of Prestige tiles against the wall may cause cracking to the wall

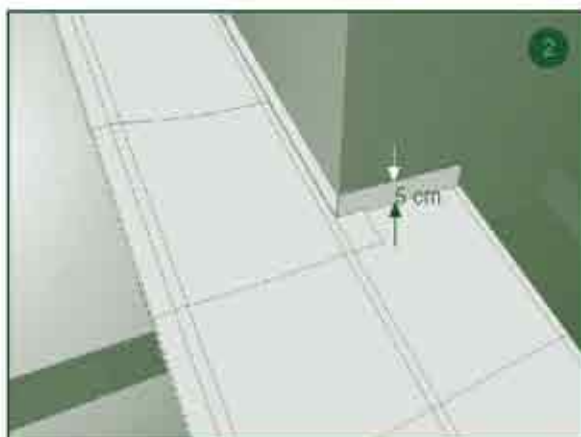


Detail Shop: Plastering the tiles' sides against the wall

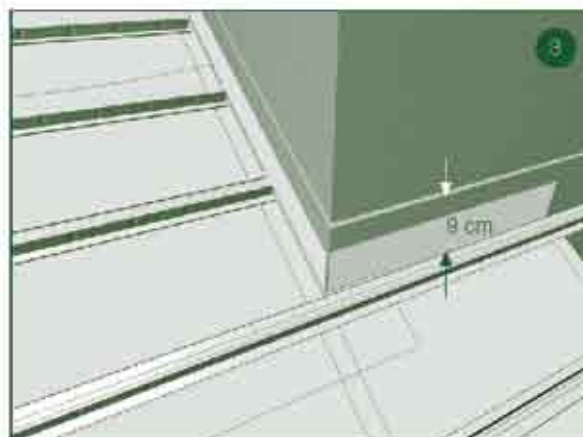
In case of sarking (underlay), be used when the eaves protrude over the wall.



Install the first rafter on the plastered wall.

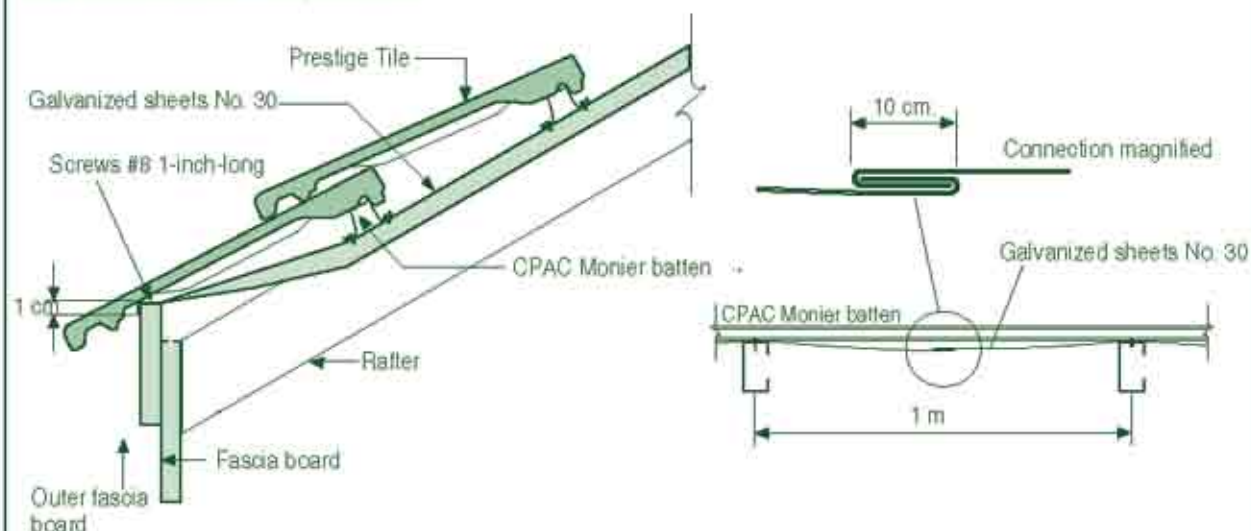


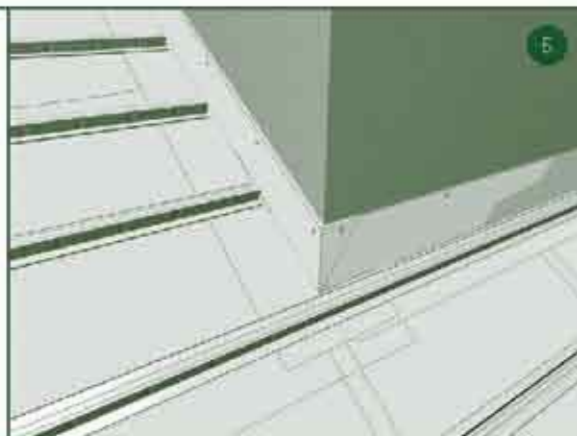
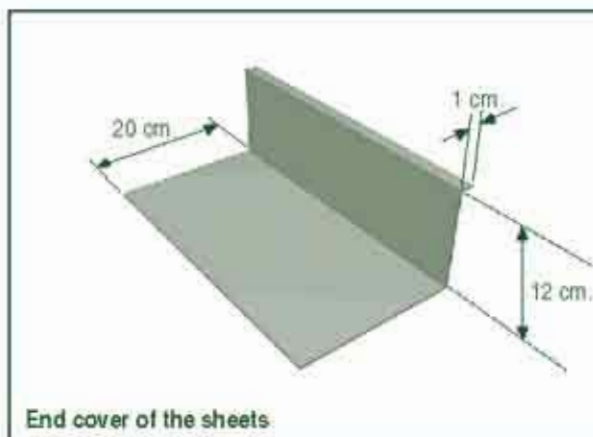
Lay galvanized sheets No 30 in parallel to the rafter ridge's direction, at a minimal distance of the length of one sheet, but no less than 1 m. Fold up the edge of the sheet on the end next to the wall for at least 5 cm along the entire lengths.



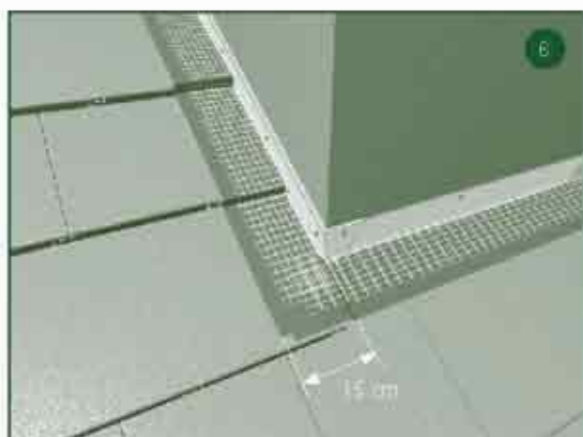
Lay CPAC Monier battens over the sheets, by attaching the battens with the rafters with batten screws. Leave a 1-cm space between the wall and the battens. Along the length where the sheets will be folded down under the root, make a 1-cm-deep groove on the wall at the height of 9-cm with electric gander along the entire length.

The sheets must be laid with its middle area sagging around 2.5 cm under the middle of rafter gaps. The sheets' length also needs to cover the entire fascia boards. The sheets will be put on the fascia boards and folded up above outer fascia board for 1 cm, as shown.

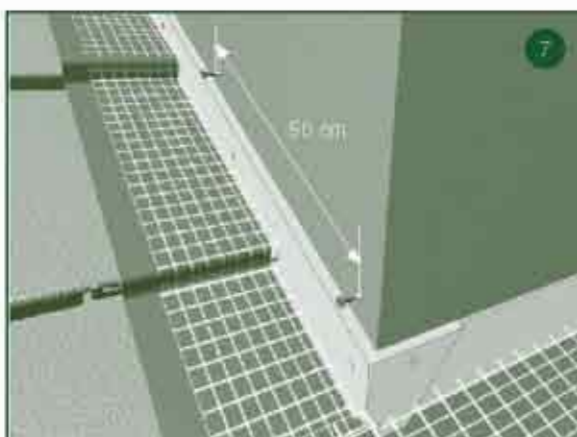




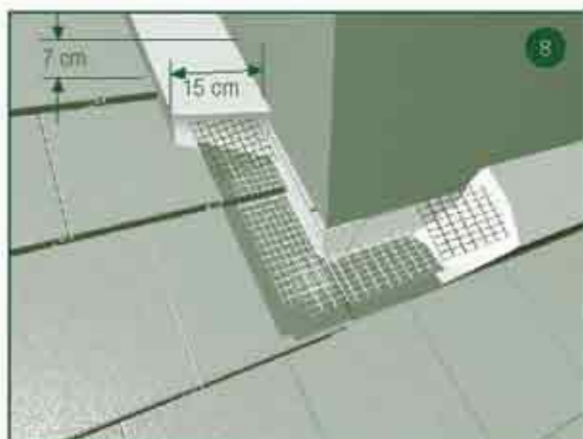
Unfasten the screws attaching the battens with the wall before inserting the tips of end covers of the sheets underneath, by overlapping the upper ones over the lower ones for 20-cm while inserting the edge of the end covers into the groove made on the wall. Attach the end covers to the wall with 40-mm anchor screws, or plastic anchor NO.8, every 50 cm.



Lay the tiles as close to the wall as possible. Lay the end covers and metal net (1x1 inch), which makes up a 15-cm-wide cover ridge, over the tiles. Insert the tips of covers in the hidden eave and seal it with silicone adhesive.



Install expansion bolts, 1/4 inch in diameter and 2 inches in length, groove for 1 cm. at a span of every 50 cm.

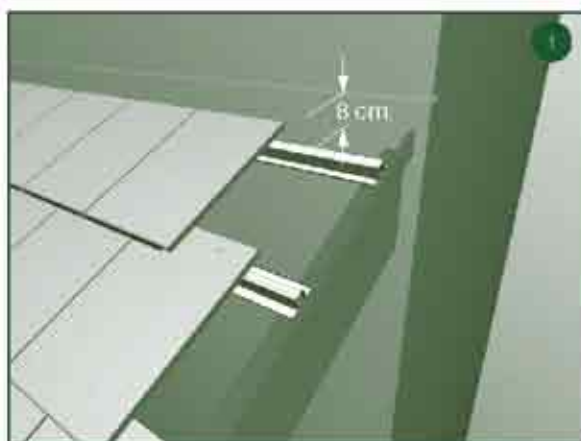


Mold the mortar abutment by using 1 proportion of cement and 3 proportion of fine sand mixed with water. When place it on the tile, there should not be cement water strain running-out. The width of mortar abutment should cover the roof tile for about 15 cm. and the height is 7 cm. Place wire mesh, size 1 in. on the surface of mortar abutment to prevent any cracks.

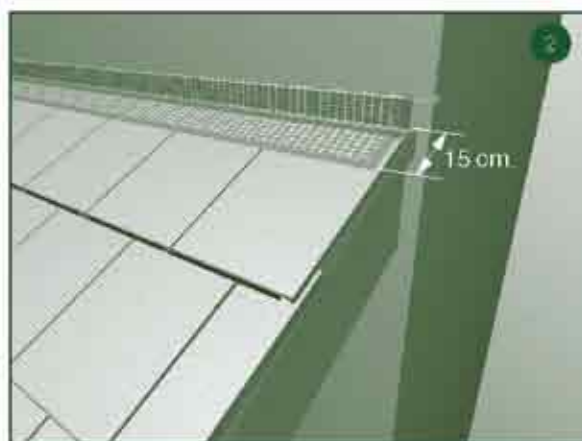


In case there is white stain from cement water, clean tiles with a dry sponge or fabrics suddenly. While molding the mortar abutment, be careful not to make any cracks on tile or cement water strain on the roof tile. Be careful, there should not be any cracking of tiles, otherwise the cement roof slab must be taken out and the new tiles must be replaced.

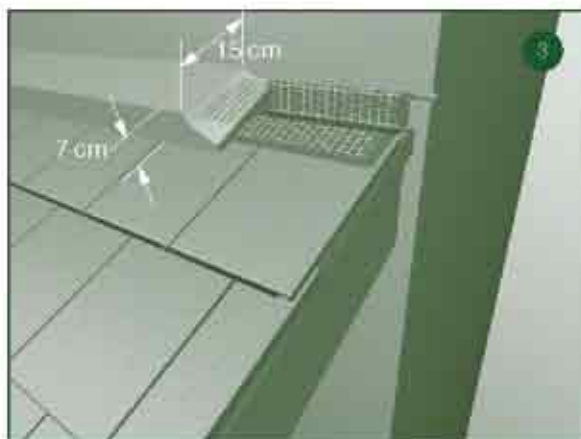
Note: Also see Detail Shop/Plastering tiles attaching the wall on page 19



1 Make an 1-cm-deep groove on the wall 8-cm above the batten line with electric grinder.



2 Install the cover and metal net (1x1 inch) 15-cm over the tiles' top edge and nap it tightly on the tiles. Insert the tips of covers in the groove and seal it with silicone adhesive.

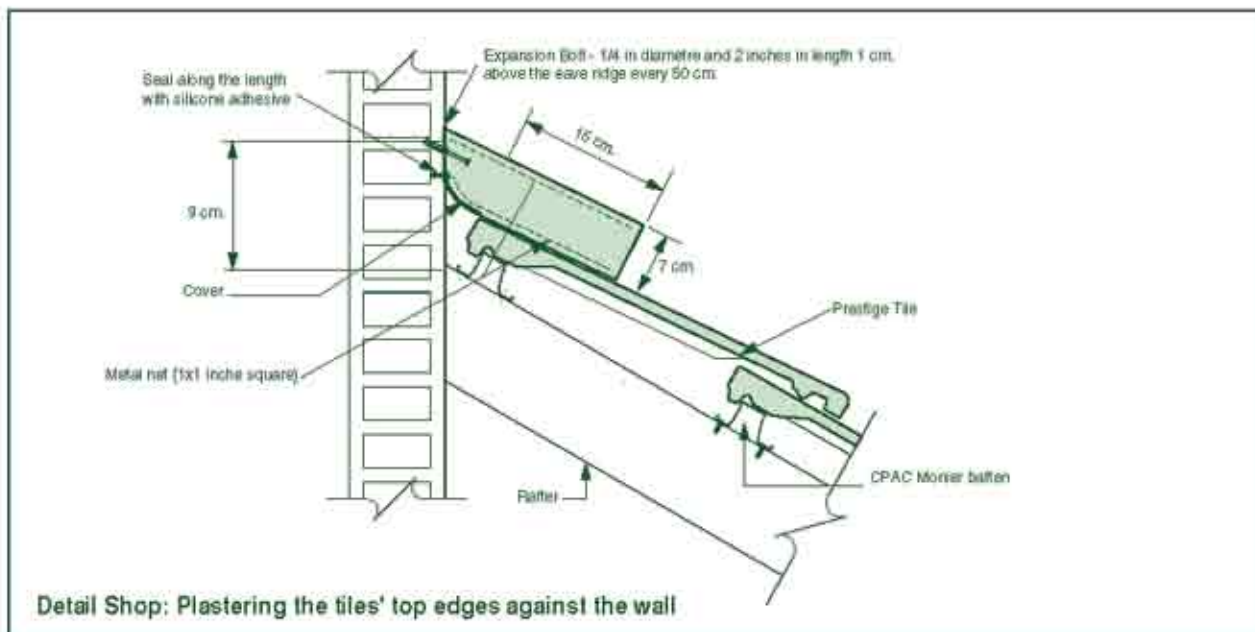


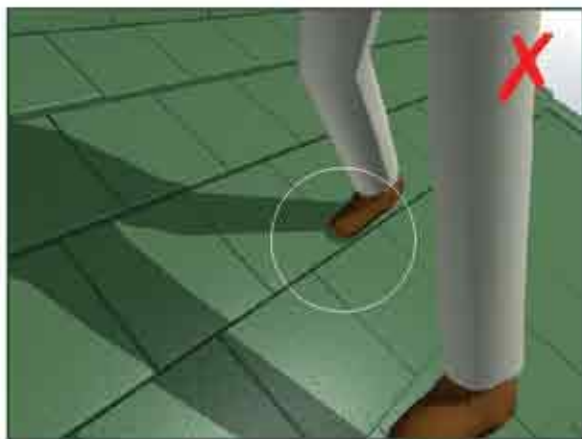
3 Install Expansion Bolt - 1/4 in diameter and 2 inches in length above the groove for 1 cm. at a span of every 50 cm. The width of mortar abutment should cover the roof tile for about 15 cm. and the height is 7 cm. Place wire mesh, size 1 in. on the surface of mortar abutment to prevent any cracks.



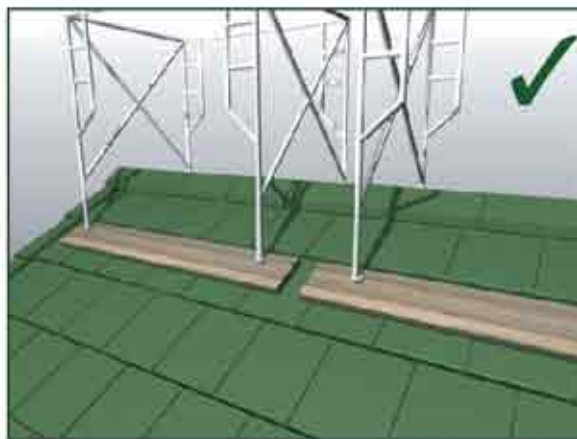
4 In case there is white stain from cement water, clean tiles with a dry sponge or fabrics suddenly.

Note: Plastering the top edge of the Prestige tiles against the wall may cause cracking to the wall.





Walk carefully on the roof and avoid stepping on the edge of the roof tiles to avoid breaking it.



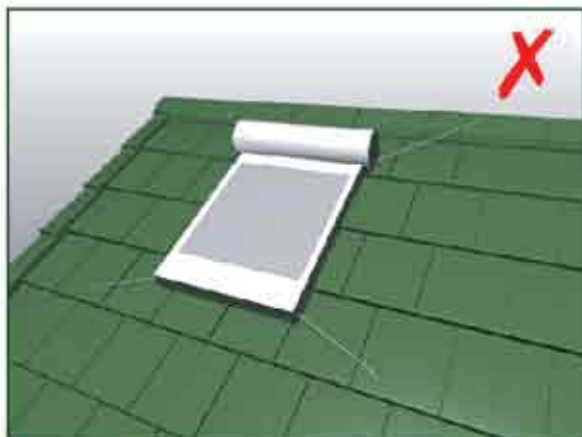
Place a wooden board underneath the scaffold when placing the scaffold on the roof to prevent roof tiles from breaking.



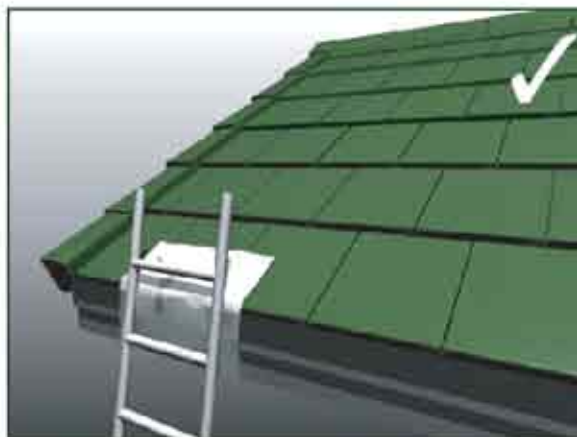
Do not jump, or throw anything on to the roof to prevent cracking the roof tiles and to avoid leakage.



Before painting the wall next to the roof, cover the roof with a plastic sheet, or a flat wooden sheet to avoid damaging the roof tiles.



Avoid installation of items (e.g. solar cell water heater panel, TV antenna, satellite dish, etc.) which required direct drilling of roof tile, or / and angle ridge tile.



Place a cloth / thick sponge underneath a ladder, when placing / leaning a ladder on to the roof tile edge to avoid possible damage to the roof tile edge.



The CPAC Roof Tile Co., Ltd

1 Siam Cement Rd., Bangsue Bangkok 10800
Tel. 0-2586-4026, 0-2586-4033 Fax 0-2586-4038
www.cpacroof.com

**Prestige and Durability
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