



The Roof you deserve



# Jindal Roofing Solutions

**ASA  
UPVC  
ROOF TILE**



## OUR PRODUCTS

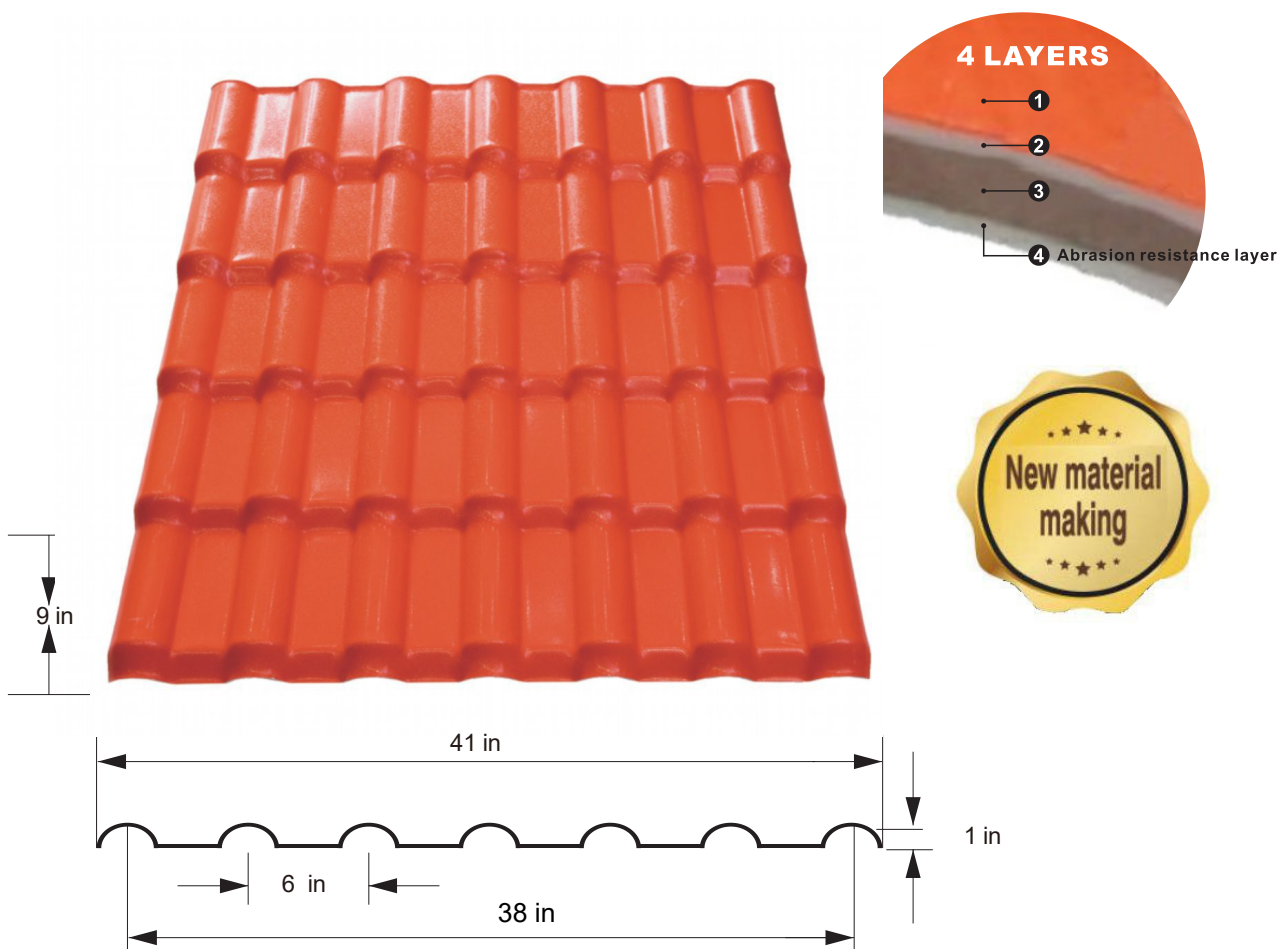
- 1.ASA synthetic resin roof tile (ASA UPVC roof tile)
- 2.UPVC roof sheet
- 3.Transparent roof sheet
- 4.Hollow wave roof tile

## ASA SYNTHETIC RESIN ROOF TILE(ASA UPVC ROOF TILE)

ASA synthetic resin tiles are also processed using advanced four-layer co-extrusion (a/b/c) technology in one step, and high-quality new materials provided by reputable listed companies are used as raw materials.

## UPVC ROOF SHEET

Synthetic resin tile has the advantages of long-lasting color, light weight, waterproof, durable, heat preservation, sound insulation, corrosion resistance, wind and earthquake resistance, hail resistance, pollution resistance, environmental protection, fire resistance, heat preservation, and easy installation. In addition, they have a beautiful and intense three-dimensional appearance, and their colors embody Indian elements, with Spanish style elements. This makes them widely used for a variety of permanent building roofing decorations





## PRODUCT FEATURES



### 1. Corrosion resistance

UPVC roof tiles have strong resistance to chemical corrosion such as acid, alkali, salt etc.



### 2. Sound insulation and heat insulation

The coefficient of heat conductivity is 0.325w/m.k, which is about 1/3 of clay tile, 1/5 of 10-mm thick cement tile, and 1/2000 of 0.5 mm thick color-coated steel tile. It has good sound insulation ability.



### 3. Impact resistance

It has got excellent load bearing performance and can withstand even 150kg load without any damage.



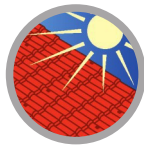
### 4. Fire-proof

The polyvinyl chloride resin in it, and the chemical performance determines that it is difficult to be burned.



### 5. Good water resistance

Completely non-water-absorbent, each sheet is big enough so as to reduce joints and all the connecting points are tightly connected so no leakage will occur.



### 6. Stable and long-lasting color

It can maintain color stability even when exposed to strong ultraviolet rays, humidity, high and low temperature all year round and research has shown that the color quality is preserved for over 25 years.



### 7. UV protection

The surface treatment is ASA which is anti-UV.



### 8. Stable volume

The expansion coefficient is  $4.93 \times 10^{-5}$  (1/ °C). Even if the temperature changes greatly, the tile expansion can be absorbed by itself to ensure its stable geometric dimension. These sheets preserve their physical qualities between -40 and 80 °C.



### 9. Light weight

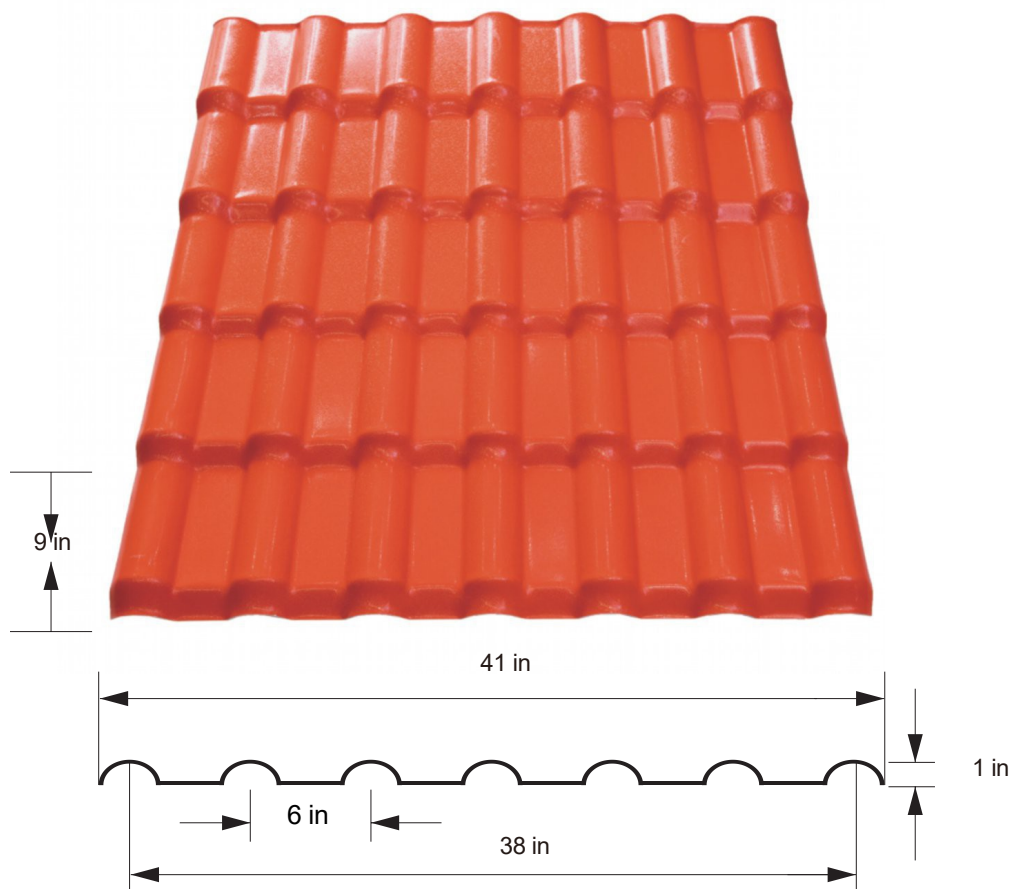
The weight is only 4.6-6kg per square metre. It is also easy to handle and lift, which helps to reduce the construction cost.



### 10. Environment friendly and energy saving

It is 100% environment friendly, helps save energy and is easy to recycle.

## SYNTHETIC RESIN ROOF TILE



Thickness: 2.2, 2.3, 2.4, 2.5, 2.6, 2.7, 2.8, 2.9, 3.0 mm Wave  
Length: 9 in  
Length: Customized

### COLOR LIST



BRICK RED



ORANGE



RED



LIGHT BLUE



BLUE



GREEN



LIGHT GREY



DARK GREY



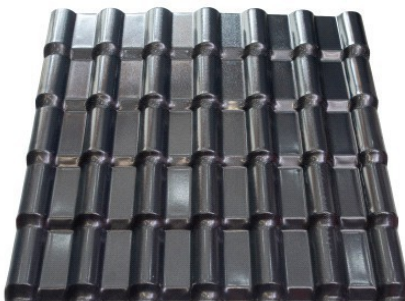
BLACK



BROWN






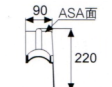





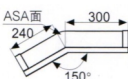

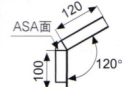

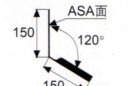



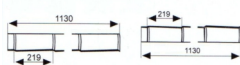
## ASA UPVC ROOF TILE




## UPVC ROOF TILE SPECIFICATIONS

Pitch Quantity	Length (ft)	Pitch Quantity	Length(ft)	Pitch Quantity	Length(ft)
1	0.719	18	12.934	35	25.149
2	1.430	19	13.652	36	25.867
3	2.156	20	14.371	37	26.586
4	2.874	21	15.089	38	27.304
5	3.593	22	15.808	39	28.023
6	4.311	23	16.526	40	28.742
7	5.030	24	17.245	41	29.460
8	5.748	25	17.963	42	30.179
9	6.467	26	18.682	43	30.897
10	7.185	27	19.401	44	31.616
11	7.904	28	20.119	45	32.334
12	8.622	29	20.838	46	33.053
13	9.341	30	21.556	47	33.771
14	10.060	31	22.275	48	34.490
15	10.778	32	22.993	49	35.208
16	11.497	33	23.712	50	35.927
17	12.215	34	24.430	51	36.645

## ROOF TILE ACCESSORIES

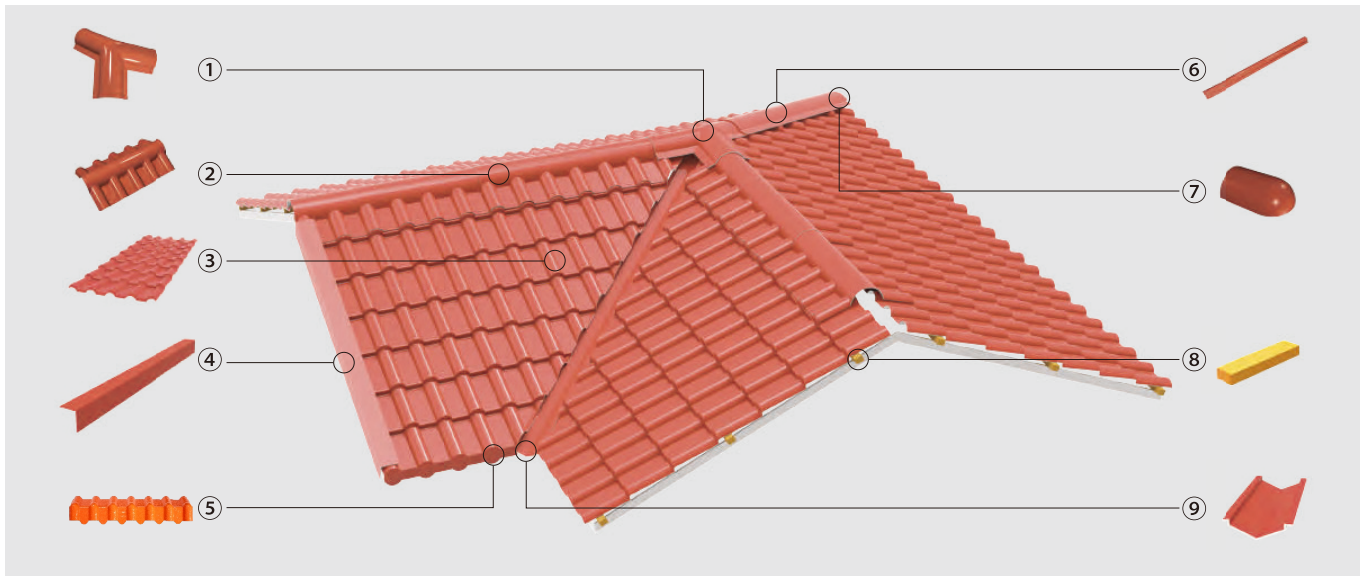
SERIAL NUMBER	NAME	PRODUCT PHYSICAL IMAGE	SPECIFICATIONS(mm)	BASIC DIMENSIONS
01	TOP RIDGE		LONG 1050 EFFECTIVE LENGTH 960	
02	TOP RIDGE COVER		LENGTH 300 WIDTH 90 HEIGHT 220	
03	SIDE RIDGE		LONG 1050 EFFECTIVE LENGTH 1020	
04	END OF RIDGE		LONG 300	
05	THREE WAY RIDGE		300x240x240	
06	100 TYPE DRAIN BOARD		LONG 1050 EFFECTIVE LENGTH 960	
07	WALL FLASHING BOARD		LONG 1050 EFFECTIVE LENGTH 960	
08	INSIDE CORNER DEFLECTOR (V RIDGE)		LONG 1000	
09	SIDE COVER (LEFT AND RIGHT)		EFFECTIVE LENGTH 1090 WIDTH 150x98	

## WATERPROOF SCREW ACCESSORIES LIST

NAME	SPECIFICATIONS	USE TO	PRODUCT PHYSICAL IMAGE
SEALING CAP	Φ24X10	WATERPROOF ACCESSORIES SPECIAL FOR SEALING	
SEALING CAP	36X30		
SEALING RING	Φ 17.5X2.5		
SELF EXPANDING SCREW	ST5.5X75	SPECIAL FOR INSTALLATION OF STEEL ROOF TILES	
WOOD SCREW	5.5X100	SPECIAL FOR INSTALLATION OF WOODEN ROOF TILES	



## INSTALLATION GUIDELINE



### ① 3-way ridge:

A 3-way ridge is used as the joining element between the linear ridge and the diagonal ridge for a four-slope roof.



### ② Top Ridge:

Install ridge unit from one side and cut the first tile in half to avoid the crossover of four sheets on the overlap.



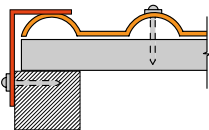
### ③ Main Tile:

Overlap by one wave and every sheet should be assembled as close as possible to the one overlapped. Cut the first sheet of second row in half to avoid the crossover of four sheets in the overlap.



### ④ Barge Board:

After finishing assembling of main tiles, fix the barge board on the last row of tiles by supplied fittings.



### ⑤ Eave Tile

The eave tile is supplied only for choice. Insert the eave tile into the bottom of main tile and be fixed.



### ⑥ Side Ridge

Install side ridge tile from bottom to top with a overlap of 50mm. align the side ridge in a straight line.



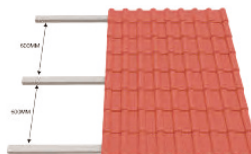
### ⑦ End Of Ridge

After finishing the assembling of side ridge, insert the terminal side ridge and be fixed.



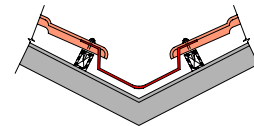
### ⑧ Purlin

The purlin space for tile 1050mm is 660mm.



### ⑨ Inside Corner Deflector (V Ridge)

Fix the inside corner deflector (V ridge) made in plastic or metal on the valley purlings before the installation of main tile. The sheets corresponding to V ridge line must be pre-shaped before positioning.



### INSTALLATION TOOL



Construction Line



Sleeve



Portable drill



Portable toothless saw



Portable Polisher



Drill Point

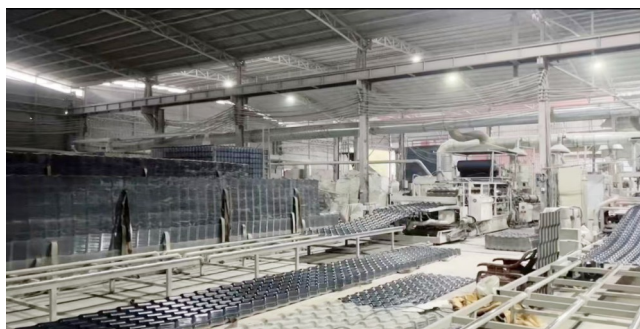


Type

## PROJECT GALLERY



**WORKSHOP**



**WORKSHOP**



**UPVC ROOF TILE**



**UPVC ROOF TILE**



**UPVC ROOF TILE**



**UPVC ROOF TILE**





## Jindal Roofing Solutions



The Roof you deserve

- Contact person: Gurish Jindal
- Marketing office: Bhiwandi (Mumbai)
- Office address: Bathinda 151001 (Punjab)
- Contact number: +91 9056866636/37/38
- Contact email: [Info@jindalroofingsolutions.in](mailto:Info@jindalroofingsolutions.in)
- Contact website: [www.jindalroofingsolutions.in](http://www.jindalroofingsolutions.in)