



10 YEAR
Guarantee
Against
Atmospheric
Conditions

Made in
TURKEY

JUNNARIT.PVC
ROOF PANELS

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Address: (155 El-maryoteia St, - El-haram - Giza-Egypt.) Al-Andalus
building - 1st floor



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Technical Specs.

Dimensions

Width	Effective Width	Thickness
105 cm	95 cm	2.5 mm
Weight	Lenght	Height
4,75 kg/m ² (+/-%5)	2 m 2,5 m 3 m	30 mm

* Junnarit panels can be produced in desired lengths up to 12 meters.

**10 TIMES
LIGHTER THAN
CLAY TILES**



Test Results

Density (TS EN ISO 1183-1)	Operating Temperature (TS EN ISO 306)	Load Capacity
1,45 g/cm ³	-40°C +94°C	200 kg/m ²
Water Absorption Ratio (ISO 62)	Thermal Conductivity Resistance (ISO 62)	Color Deviation (TS 10883)
%0,02	0,18 m ² k/w	DE*0,2
Impact Strength (TS EN ISO 180/1A)	Tensile Strength (TS EN 527-2)	Flammability (TS EN 13501-1)
489 kgf/cm ²	477 kgf/cm ²	B

Color Options

RAL 3002	RAL 6002	RAL 8004



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Advantages of Junnarit Synthhetch resin roof tiles



It is not affected by atmospheric conditions. It is compatible with all climates.



It has different color options.



It is durable against impacts. It does not crack.



It is hygienic, dust and dirt proof.



It is durable from -40 °C to +100 °C.



It has excellent sound and air isolation.



It preserves its colour and shape for 30 years.



It protects buildings against water and humidity.



It is fireproof and nonflammable.



It is nondeformable in asidic environment. It is noncorrodible.



It brings insulation quality to buildings.



It is easy to transport and install.



It is 10 times lighter than clay tile.

	pvc/Junnarit Roof Tile	PMMA Roof Tile	Clay Tile
Mass of m ² tile	4,75 kg	5 kg	45 kg
m ² Capacity per 20" container	5050 m ²	4600 m ²	550 m ²
Operating Temperature	-40 °C +94 °C	-40 °C +70 °C	-40 °C
Fire Class	B	B	A
Water Absorption Ratio	%0,02	%0,08	%10
Thermal Conductivity Resistance	0,18 m ² k/w	0,20 m ² k/w	0,03 m ² k/w
Load Capacity	600 kg	150 kg	150 kg

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Resistant to harsh atmospheric conditions, extreme heat and cold temperatures.

Sıcak, soğuk ve atmosferik Koşullara son derece dayanıklıdır.



It is highly UV resistant, blocks harmful sun rays.

UV ışınlarından etkilenmediğinden güneş ışınlarına dayanıklıdır.



Due to its multi-layer compound and acrylic resin coating, IZOTILE panels are sound proof.

Ürünlerimiz ses geçirmez. polimer yapısıyla mükemmel izolasyon sağlar.



Excellent moisture, water and storm proof.

Su ve nem geçirmez ayrıca sert fırtınalara karşı yüksek direnç gösterir.



High tensile strength : No break, No cracks. Can sustain heavy weights and impacts without deformation.

Yüksek gerilme ve darbe mukavemetine sahip: kırılmaz, çatlamaz ağır yük taşıma gücüne sahiptir.

Fiziksel deformasyon oluşturmaz.



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JUNNARIT. PVC

ROOF PANELS

UL classified, has fire retardant properties. Cannot ignite by flame sources.

UL Yanmazlık sınıfında, zor yanan malzeme özelliklerine sahiptir.



Chemicals resistant, anti corrosive, does not oxidize. Very convenient for coastal areas.

Asit, asit buharları ve oksidasyona karşı mükemmel direnç sağlar. Nem ve rutubetten etkilenmez.



IZOTILE is lightweight 10 times lighter than clay tiles.

IZOTILE kil kiremite göre 10 kat daha hafiftir.



Blocks sun heat and cold temperatures, PVC - ASA polymer is and excellent insulation material.

IZOTILE PVC-ASA ko-polimeri sayesinde sıcaklığa ve soğukluğa karşı mükemmel yalıtım sağlar.



Polyvinyl chloride (PVC) is made of natural salts & gases. It is therefore %100 environment friendly.

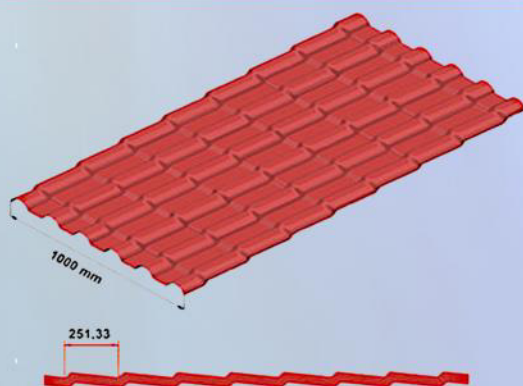
Polivinil klorür (PVC) doğada bulunan doğal tuzlar ve gaz'dan oluştuğu için %100 çevre dostudur.



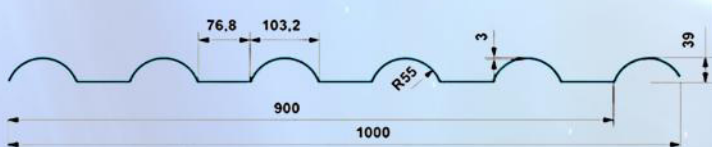
JUNNARIT. PVC



Product Specifications



Width mm	Effective width, mm	Pitch N/O	Thickness mm	Height mm	Wave Length mm	Weight Kg/m2
1000	900	6	3	39	U*251.33	4.6

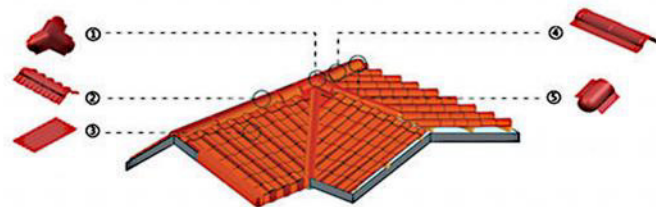


Assembly Drawing

Accessories and Fittings



Required Working Tools



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. RIDGE UNIT

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

4. DIAGONAL RIDGE

Install diagonal ridge tile from bottom to top with an overlap. Align the diagonal ridge in a straight line.

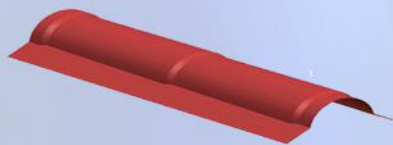
5. TERMINAL DIAGONAL RIDGE

After finishing the assembling of diagonal ridge, insert the terminal diagonal ridge into the bottom of diagonal ridge and fix.

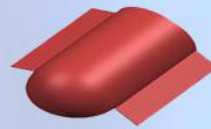
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1000 x 450 x 150 mm
Top Ridge Unit
Tepe Mahya



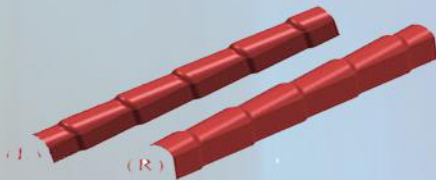
860 x 280 x 90 mm
Diagonal Hip Ridge
Diyagonal Oluk Mahya



300 x 250 x 100 mm
Terminal Diagonal Ridge
Oluk Mayha Bitim Kapagi



600 x 280 x 100 mm
3 Way Ridge
3 Yollu Mahya



1000 x 139 mm
Side Ending Unit (L R)
Kenar Bitim Mayha (Sol Sag)



1000 x 150 x 185 mm
Side Wall Ridge
Duvar Kenar Mahya



1000 x 220 x 150 mm
Wall Flashing Ridge
Duvar Bitim Mahya



1000 x 450 x 150 mm
Eave Closing Ridge
Saçak Kapama Mahya

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