









**ESHA Greece News:**  
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**EshaRoof Solar:** Combining ultimate waterproofing & energy production in less than 8 mm thickness.

**Main advantages:**

*1960's: Flexible bituminous waterproofing ....50 years evolution: Waterproofing producing electric energy utilizing one sole non depletable power source: Sun*

-  Lightweight
-  Flexible
-  No Penetrations
-  Shadow Tolerant
-  Durable
-  Easy to Install

In **ESHA** we love bitumen. From 1962 we strive to produce the best waterproofing products for the global construction industry. In 2012 we believe that this is not enough.

Our bituminous membranes should go further than waterproofing.

**EshaRoof Solar:** Combining ultimate waterproofing and energy production in one product.

**EshaRoof Solar** utilizes the **UNI SOLAR**® technology of thin film triple junction amorphous silicon solar cells. Photovoltaic cells are quite light (3,5 kg/m<sup>2</sup>) 300 times thinner than conventional crystal solar cells producing **from 65 to 71 Wp/m<sup>2</sup>**. Cells energy productivity is obtained even in low levels of natural light (e.g.cloudy skies). Our product's "shape following" ability makes **EshaRoof Solar** suitable for all kinds of roof's shapes and , slopes. **EshaRoof Solar** is torch applied on clean dry surfaces at temperatures above 5 C and slopes from 2% to 105%. Contact us for more information regarding



Dimensions	EshaRoof Solar- PVL 288	EshaRoof Solar- PVL 272	EshaRoof Solar- PVL 136	Power Output	EshaRoof Solar- PVL 288	EshaRoof Solar- PVL 272	EshaRoof Solar- PVL 136
Length (mm)	5412 ± 5mm	5412 ± 5mm	5412 ± 5mm	Maximum Power at STC (W)	288	272	136
Width (mm)	746 ± 5mm	746 ± 5mm	746 ± 5mm	Maximum Power Output at STC (Wp/m <sup>2</sup> )	71,3	67,4	65,8
Bituminous membrane thickness (mm)	4,7	4,7	4,7	Current at Pmax at STC (A)	4,4	4,1	4,1
Number of solar PV cells	22x2	22x2	22x2	80% Power Putput warranty (years)	25	25	25



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