



# FOUR EASY STEPS

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TO DESIGN AND INSTALL A SOLRIF ROOFTOP

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- 1 Measurement
- 2 Calculation & Design
- 3 Offer & Order
- 4 Delivery & Installation



\*This is an interactive manual with clickable links. You can start by watching the introduction video! (click on the icon).

# Introduction

Read this brochure carefully and follow the suggested steps.

Make sure to click on the interactive links: they lead to more detailed instructions and more detailed material.



## SOLID + SOLRIF = The Photovoltaic Roof Tile for Pitched Roofs

### Glass PV module SOLID

New era technology. Market leader.

Superior longevity, strength, and safety.

### Integration system SOLRIF by Schweizer

Country of origin: Switzerland.

Tried and tested since 1998 on over 10'000 roofs.



# Step 1: Measurement

**CARRIED OUT ON-SITE**  
**You need:**

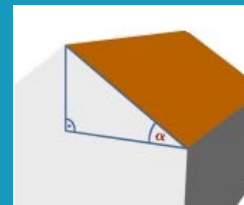
## Roof dimensions

(LxW) to determine how many modules will fit.



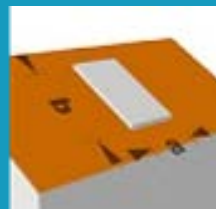
## Roof angle

To determine if Solrif is applicable ( $12^{\circ}$ - $70^{\circ}$ ) and the substructure needed.



## Location of Penetrations and Shading

To determine layout and which modules need to be optimized.



**IMPORTANT:** Before making an offer to a potential client, the target roof **must be determined to be suitable** for a Solrif solution. Roof angle and substructure are important at this stage.

How to choose suitable roof substructure

**Click here**



Does the system ventilate?



Yes! Like any other roof.  
Look to local regulations.

# Step 2: Calculation & Design

Using ProSOLRIF (software) generate...

1. A precise drawing of the installation
2. The bill of materials

These two documents are fundamental to formulate your offer and place an order later on.

HOW TO USE ProSOLRIF  
*Click Here*



ProSOLRIF Download  
*Click Here*



\*This calculation is a recommendation and **must** be checked by a structural engineer according to a specific module and project. Schweizer and Soli Tek exclude any warranty claims that are based on a calculation with ProSOLRIF.

## YOU NEED TO DOUBLE-CHECK

The ProSOLRIF program may not account for connecting frames and flashings. You need to control for potential errors.

For your convenience you can use our prepared dimensions spreadsheet to double-check the final measurements of the system, with flashings and without.

Check your Calculations  
*Click Here*



# Step 3: Offer & Order

## YOU SHOULD HAVE NOW:

System Layout and Design  
Exact Measurements  
Bill of Materials  
Precise Drawings



Using this you can calculate total system costs and present an offer to your client

## ORDERING FROM SOLITEK

To get started, just send us the bill of materials generated by ProSolrif.

Our team will confirm the price according to the provided price list, estimate the production and delivery date and wait for your confirmation.

**CONTACT FORM**  
*Click Here*



If you are uncertain about something in the project, send us the project details and we will inspect it to check everything is in order.



See our website at [www.solitek.eu](http://www.solitek.eu)

Tel. +370 5 263 8774

Email [info@solitek.eu](mailto:info@solitek.eu)

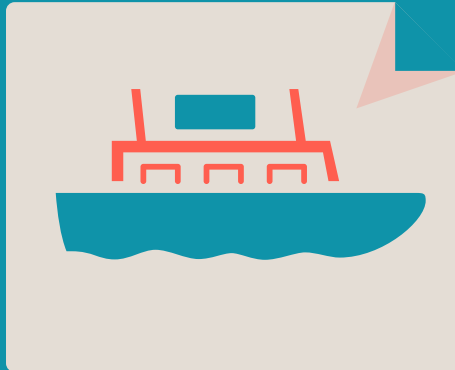
# Step 4: Delivery & Installation

## DELIVERY OPTIONS

REGULAR TRUCK

or

TRUCK WITH  
BACKLIFT



Price depends on

DELIVERY ADDRESS  
& QUANTITY

Determined  
case-by-case

## INSTALLATION

For detailed instructions on how to install SOLRIF systems please consult the SOLRIF installation manual. You can find it clicking the button below.



STEP-BY-STEP  
INSTALLATION  
INSTRUCTIONS

[Click Here](#)



## PRO TIP!

Using a *Mounting Gauge* improves accuracy and speeds up the installation process, saving you time and money.



MOUNTING GAUGE  
INSTRUCTION

[Click Here](#)

# WHAT'S NEXT?

After purchase there are several things to do:

- ✔ Get a €50 discount on your next order by sending us pictures of your last Soli Tek installation.
- ✔ Get in touch! Our customer service professionals are ready to assist you.

€50

DISCOUNT

On your next order

*[Click here for more info](#)*

## FAQ

### **1. Can SOLID Solrif completely substitute roof cover? Does it ventilate?**

Yes. You can use it instead of conventional roof cover such as clay tiles to cover partial areas or the entire roof. Installed correctly, the system ventilates.

### **2. Can SOLID Solrif be used on flat roofs?**

No. The system is created for pitched roofs with inclination of 12°-70°

### **3. How do the panels interconnect?**

Frames are shingled from top to bottom and interlocking from left to right much like tiles for optimal weather protection.

### **4. Is it possible to change a panel if it gets broken?**

Yes. If mounted correctly, according to the installation manual, any panel can be taken out alone and replaced by another.

### **5. Is system water/rain proof? Do i need substructure?**

Correctly mounted, the system is watertight and appropriate substructure must be chosen, depending on the slope of the roof.

### **6. What is the maximum wind and snow load?**

2400Pa for wind and 5400Pa for snow loads. That's the equivalent of 130km/h winds or 5 meters of dry snow.

### **7. What is the guaranteed power output?**

SoliTek guarantees module integrity after 30 years and power output of 87% after 30 years.