



SICHER ARBEITEN AUF PHOTOVOLTAIK - ANLAGEN



## **THE SMB SOLAR-MULTIBOARD®**

**THE MOBILE AND LIGHT WORKING PLATFORM FOR WORKING  
ON SOLAR ARRANGEMENTS WITH FRAME PV- MODULES.**

Cleaning, servicing or repairing on solar modules,  
with the SMB Solar Multiboard® is fast, certainly,  
expeditiously and therefore the cost is reasonable.  
Price and Time saving.



[WWW.SOLAR-MULTIBOARD.DE](http://WWW.SOLAR-MULTIBOARD.DE)

## **WORKING WITH SMB SOLAR-MULTIBOARD®.**

The manufacturer of solar modules does not recommend walking on the panels. As Micro cracks can occur in the solar cells. The efficiency of the solar cells is lost. The SMB SOLAR-MULTIBOARD® distributes the weight of the assembler evenly.

## **THE SMB SOLAR-MULTIBOARD® MAKES WORK ON SOLAR MODULES SAFER**

### **Work on roofs can be dangerous!**

Because of the special surface structure the SMB SOLAR-MULTIBOARD® offers a sure of safety and reduces the risk of accident.

### **Perfect protection for you and your employees!**

During the work with the SMB Solar Multiboard® safety Rules must be obeyed.

For Example: working on PV-arrangements and working with scaffoldings. The SMB Solar Multiboard® substitutes for none of these regulations.

### **Areas of application for the SMB SOLAR-MULTIBOARD®**

- Servicing works
- Cleaning works on account of dirty solar modules
- Module exchange on the basis of defects or wrong assembly
- Control of the solar modules by infrared measurement and electric-luminescent controlling to the profit control
- Examination of the assembly systems and the solar cables



ON THE ONE HAND AN INNOVATION.

ON THE OTHER HAND WITH LASTING EFFECT AND COST-SAVING.



*"My aim in developing the SMB Solar Multiboard® was to enable solar panel installers to work in safety. The product also needed to be cost-effective and easy to handle. A real innovation for the solar panel industry."*

*Sven Heidbüchel, developer & owner*

## SAFETY FIRST!

Because of the special surface structure the SMB Solar Multiboard® offers a sure state Photovoltaic arrangement. It is a great advantage for installation, cleaning and servicing.

## DIMENSIONS

Beside the safety aspect the SMB Solar Multiboard® is resistant against water and UV light. It's a weight manufacturer and is very stable. Therefore it is easy to handle on the Photovoltaic arrangements.

The SMB Solar Multiboards come in four sizes. The four sizes are dependent on the sizes of the PV-modules. Special dimensions are possible.

## ADVANTAGES OF THE SMB SOLAR MULTIBOARD®

QUICK AVAILABILITY GUARANTEES

FOUR STANDARD DIMENSIONS , SPECIAL MASS ON INQUIRY AVAILABLE

LOW WEIGHT AND EASY HANDLING

EASONABLE IN PRICE AND TIME SAVING

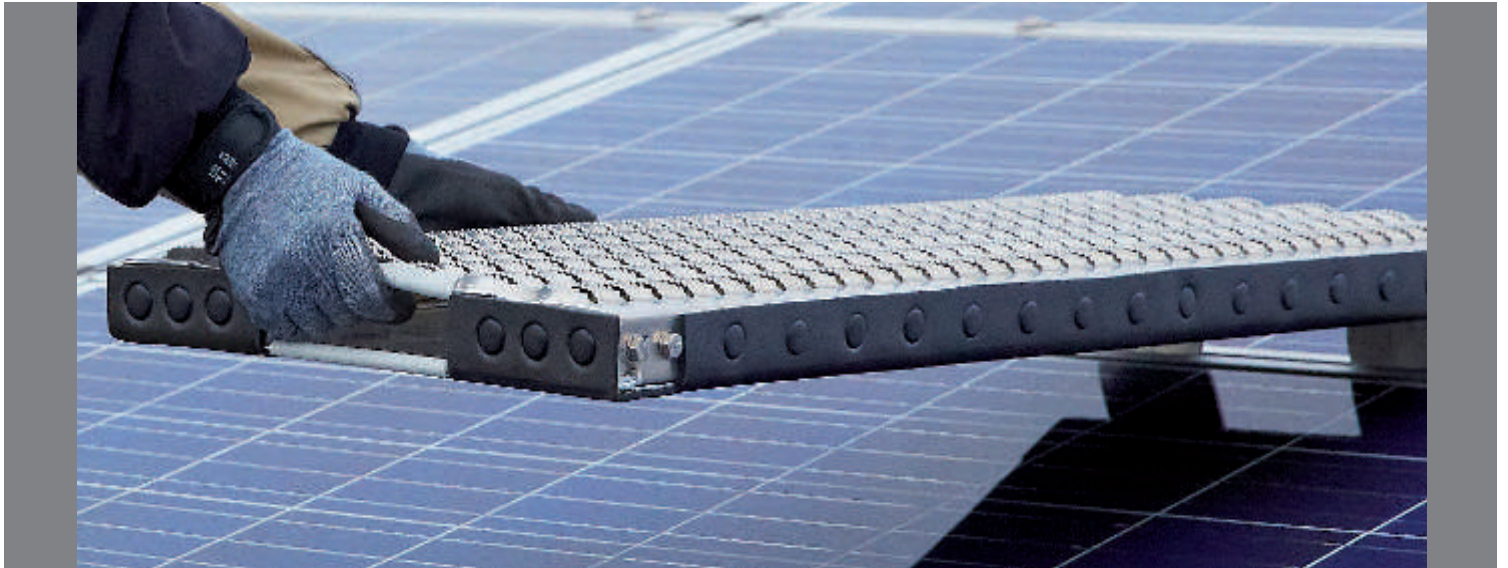
RESISTANT AGAINST WATER AND UV LIGHT

HECKED BY TÜV RHEINLAND

PROVEN NON SLIP SURFACE



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**YOU STILL HAVE QUESTIONS?  
WE HAVE THE ANSWER!**

For further information we offer to you a personal contact.

**Contact & legal notice**

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## Product Details:

- Frame:** aluminum with anti-slip surface
- Protective layer:** PE - glued and mounted  
UV-resistant
- Flaps:** aluminum incl. vulcanized rubber layer  
wall thickness 6 mm  
insertion depth between modules 60 mm
- Handgrip:** centered at the lower end of the board  
length 150 mm, width 30 mm
- Load capacity:** one person, not to exceed 150 kilogram
- Roof inclination:** tested up to 40 degrees

## Dimension and Weight:

### SMB SOLAR-MULTIBOARD 1020:

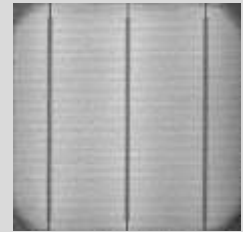
Length 1020 mm  
Width 400 mm  
Weight 5800 g

### SMB SOLAR-MULTIBOARD 1720:

Length 1720 mm  
Width 400 mm  
Weight 9700 g



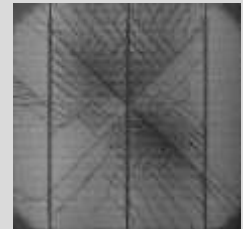
The SMB SOLAR-MULTIBOARD underwent extensive testing by TÜV Rheinland in Cologne. A maximum load of 150 kilogram was applied to PV modules several times - with and without the SMB SOLAR-MULTIBOARD. Results to be seen on the right.



with  
SMB SOLAR-MULTIBOARD

**„Higher spot loads on PV modules are not allowed, neither is stepping onto PV installations. Damages can occur, which may cause small losses in performance or even complete malfunction of the PV modules“.**

Willi Vaaßen,  
Business Unit Manager  
Solar Energy TÜV Rheinland



without  
SMB SOLAR-MULTIBOARD



### Recommended use of SMB SOLAR-MULTIBOARDS for length- and crosswise laid PV modules:

Size of PV module	Vertical installation	Horizontal installation	SMB model
1660 x 990mm	1660mm		1720mm
1660 x 990mm		990mm	1020mm
1580 x 808mm	1580mm		1720mm
1580 x 808mm		808mm	1020mm
1200 x 600mm	1200mm		1720mm
1200 x 600mm		600mm	1020mm

## SMB SOLAR-MULTIBOARD GmbH

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