

## SOL-50 ON ROOF MOUNTING SYSTEM



### PLAIN TILE ROOF

The SOL-50 on roof mounting system is a universal solution for the secure and quick installation of framed solar modules up to 50 mm frame height. The stable construction of cross tied aluminium profiles assures a stress-free and form-closed installation of the solar modules and allows for optimal drainage and ventilation. Cable protection nets for safe cable laying as well as the use of corrosion resistant materials guarantee the proper functioning of the solar system beyond the specified product lifetime.

### BENEFITS AT A GLANCE

#### TECHNOLOGY

- ✓ Suitable for rafter and purlin roofs
- ✓ Stable construction due to cross tied profiles
- ✓ Correction of roof irregularities up to 60 mm
- ✓ Suitable for solar modules up to 50 mm frame height
- ✓ Meets the requirements of DIN 1055 and Eurocode 9
- ✓ Tested in wind tunnel

#### SAFETY

- ✓ 10 years guarantee
- ✓ Tested and certified by VDE and TÜV
- ✓ Use of corrosion resistant materials only
- ✓ Provides controlled cable laying
- ✓ Anti-theft protection included
- ✓ Complete system documentation

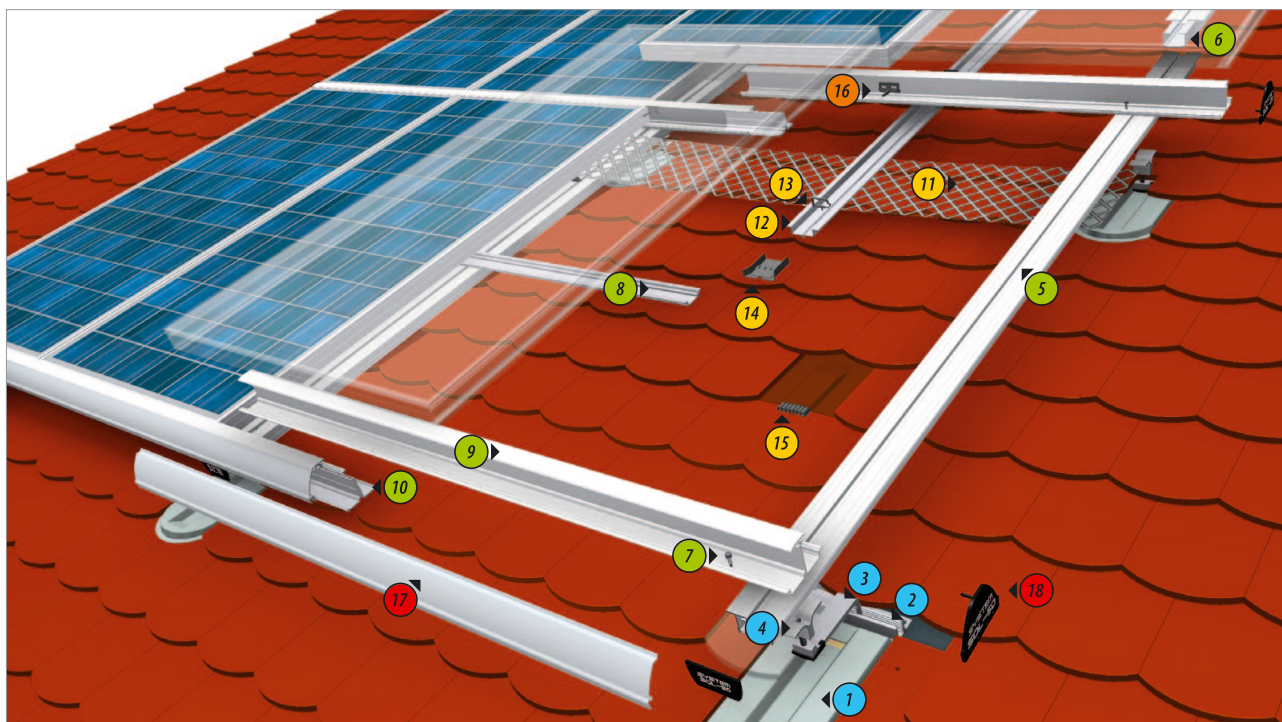
#### VISUAL APPEARANCE

- ✓ Harmonious integration due to insertion technology
- ✓ Visible components available in every RAL color
- ✓ Aluminium mill-finished, anodised or powder-coated
- ✓ Cover strips and end caps
- ✓ Prevents the build-up of dust and dirt

#### COST

- ✓ Material savings due to software based planning
- ✓ Quick installation due to insertion technology
- ✓ Timesaving maintenance and service work
- ✓ Optimal ventilation guarantees maximum yields
- ✓ 100% recyclable

# COMPONENTS OVERVIEW



| No | Component Name                      | Scope Of Supply |         | Characteristics |         |
|----|-------------------------------------|-----------------|---------|-----------------|---------|
|    |                                     | Standard        | Premium | Standard        | Premium |
| 1  | Plain tile dummy                    | ●               | ●       | ★               | ★       |
| 2  | Roof hook - base plate              | ●               | ●       | ■               | ■       |
| 3  | Roof hook - bracket                 | ◇               | ◇       | ■               | ■       |
| 4  | Vertical attachment                 | ●               | ●       | ■               | ■       |
| 5  | Vertical profile XL                 | ●               | ●       | ■               | ■       |
| 6  | Vertical jointer XL                 | ●               | ●       | ■               | ■       |
| 7  | Self-drilling screw                 | ●               | ●       | +               | +       |
| 8  | Multiple support profile            | ○               | ○       | ■               | ■       |
| 9  | Horizontal profile XXL / XL / L *** | ●               | ●       | ■               | ◆       |
| 10 | Horizontal jointer                  | ●               | ●       | ■               | ■       |
| 11 | Cable protection net                | ○               | ●       | ▲               | ▲       |
| 12 | Cable tray                          | ○               | ●       | ■               | ■       |
| 13 | Cable clip                          | ○               | ●       | ▲               | ▲       |
| 14 | Cable funnel                        | ○               | ●       | ▲               | ▲       |
| 15 | Cable feed-through                  | ○               | ●       | ▲               | ▲       |
| 16 | Anti-theft protection               | ●               | ●       | ▲               | ▲       |
| 17 | Cover strip                         | ●               | ●       | ■               | ◆       |
| 18 | End caps                            | ●               | ●       | ▲               | ◆       |

Available at:

- included
- optional
- ◇ VarioSolo XL (adjustable up to 15 mm)
- ◆ VarioDuo XL (adjustable up to 60 mm)
- ▲ plastic
- ★ galvanised sheet metal
- ✦ stainless steel
- aluminium mill-finished\*
- ◆ aluminium anodized\* or powder-coated\*\*

- \* available only in silver
- \*\* available in every RAL color
- \*\*\* type selection depending on static boundary conditions

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