

# Construction set Van der Valk

Residential set for pitched roofs - 22 panels - Steel plate tiles - Vertical panel mounting



## Set Description:

Set for pitched roof with steel plate tiles for installation of twenty-two photovoltaic panels (the configuration of the set was developed for a panel size: 2261 x 1134 x 30 mm and rafter spacing 1 m).

In case of a different panel arrangement than shown, the optimal number of construction material cannot be guaranteed.

The calculation was carried out according to EN 1991 - 1 - 3.

The number of structural elements was designed for houses with pitched roofs in the area:

- Terrain category: III.
- Snow load area: I.
- Wind load area II.

If you have any questions, please contact our construction department: [konstrukce@solsol.cz](mailto:konstrukce@solsol.cz)

## Set includes:

Alu hanger bolt clamp + hammerhead bolt + lock nut	40 pcs
Alu mid panel clamp for alu profile - T30 - clamping range 28-50mm	40 pcs
End panel clamp for alu profile - T30 - clamping range 28-50mm	14 pcs
Alu coupling for Side++ profile with 4x hammerhead bolt M8x20mm	13 pcs
Ss hanger bolt - M12x250mm (wooden purlin)	40 pcs
Alu Side++ profile L=3520mm XXL	15 pcs
Weight	68,26 kg