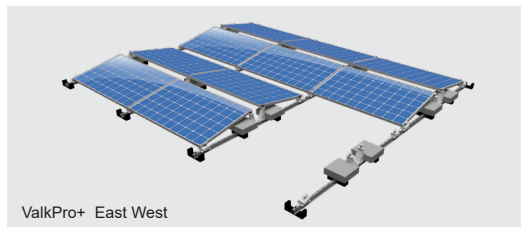




ValkPro+ South



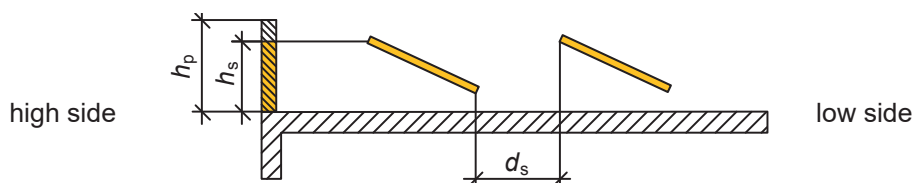
ValkPro+ East West

# Datasheet flat roofs

## Pitch and roof areas

### Pitch between rows according to NEN7250

- The covered surface is considered to be a contiguous area when in any point of the area the distance between the solar energy systems and  $d_s$  is larger than  $2 \times h_s$ . When the distance is larger than the above pitch, the rows are to be regarded as exposed causing more ballast to be required.



Definition  $h_p$ ,  $h_s$  en  $d_s$ .

#### Legenda

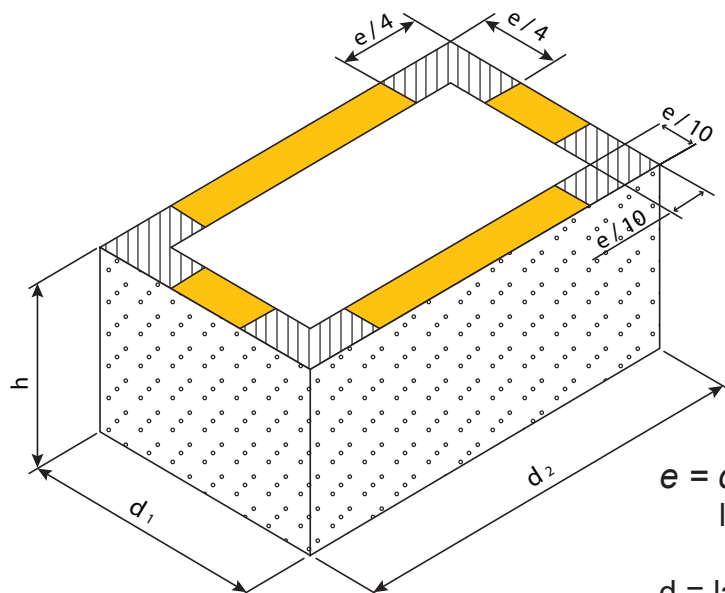
- $h_p$  eaves height, which is equal to the distance between the top side of the eaves and the upper side of the roofing
- $h_s$  distance between the top side of the solar element to the highest side and top side roofing
- $d_s$  distance between the solar systems

### Table

Calculation pitch
$d_s \leq 2 \times h_s$

### Calculation roof areas according to EN1991-1-4

- Determination of the edge and corner zones.



- Solar elements placed in the corner zones of the roof
- Solar elements placed in the edge zones of the roof

$e = d \text{ or } 2 \times h$   
least value is quantitative

$d = \text{largest value of } d_1 \text{ and } d_2$

### CONTACT DETAILS | DEVELOPER AND PRODUCER OF SOLAR MOUNTING SYSTEMS