

SolteQ-Solar Roofs

The Energy of the Future



STORMSAFE



SolteQ
LUXURY
SOLARROOFS

Let's make a better world...

SolteQ
The Energy Company

Picture: Quad40 premium anthracite on historic building,
with partial occupancy with active and passive elements



Product overview light ENGLISH-D - Lithuania

Made in Germany

What does the house of the future look like:

It fulfills 3 main functions:

- 1. Weatherproof roofing**
- 2. Electricity**
- 3. Heating and hot water**

Electricity from the roof

Each house produces and meets its own electricity needs.

*Without electricity storage approx. 80%
With power storage up to 100%*

Cooling the house

The SolteQ solar roof is like a parasol for your house. It creates a pleasant shade under the solar shingles, saving a lot of electricity for air conditioning. The warm air is extracted and the roof cladding is kept cool.

Power storage

With a power storage you enjoy the self-generated electricity from your roof in the evening and at night, when the sun is not shining.

Smart-Home-Controller

Maximum self-sufficiency also requires adaptation of consumption behavior. Thus, the large power consumers, washing machine, dishwasher, etc. have to run during the day, so that they can be supplied directly from the roof and in the evening only the necessary consumers must be turned on. With a smart home controller, these devices can be perfectly time-controlled, so that the capacity of the power storage is optimally utilized.

Heating energy for household heating and domestic hot water from your roof

Your roof is also a huge thermal area. The roof or the air in the gap under the tiles gets warm. This warm air can be recycled and used as an energy source (with the aid of a heat pump) for domestic hot water heating and household heating without the need for additional energy sources, such as pellets, gas or oil.



The filling station for your e-car

Because the size of the PV system can be designed to accommodate all of your electricity needs the inclusion of an electric vehicle into the calculations is accomplished very easily.

... and with the SolteQ Roof you also benefit from the following characteristics :

- Climate neutral
- Clean energy production
- Zero CO2 emissions, zero pollutants
- Zero costs for fossil energy
- Durable

Heatpump

The SolteQ heating concept uses the heat under the roof tiles. However, the heat under the roof tiles alone is not enough to heat the heating circuit to 45 or 65 ° C. Especially not in low temperature winter. However, the air under the black roof is warmer even in winter than the ambient temperature. Light means energy. There is energy in the daylight, even if the sun does not shine with full heat in winter. Now comes some physics:

There is always heat energy in the outside air, even at -30 ° C. Only at absolute zero, at -273.15 ° C (or 0 K), is the temperature at which there is no energy available. A heat pump does exactly what the name suggests, it „pumps“ small quantities of combined thermal energy together and passes them on in concentrated form. So it is possible that even at temperatures as low as -30 °C usable heat can be generated.

The SolteQ heating concept

combines meaningful and efficient technologies together. The SolteQ solar roof in combination with a good heat pump and an appropriate power storage are the ideal combination for a excellent energy efficient future.

The SolteQ heating system is completely self-sufficient. During the day, the heat pump is supplied directly with the required electricity from the roof. In the evening, the heating still operates from the heating buffer storage tank, which serves as a heat storage source, into the late evening hours. At night normally the heat requirement is lower still and therefore, the heat pump has a lot less to do, since the heat storage buffer is filled during the day. Thus, the system forms a completely self-sufficient heating system without external energy supply.

*Get to know more about the SolteQ heating concept.
Request the free SolteQ heating brochure or download it from our website.*



**Cover your energy needs
completely over your
roof!**

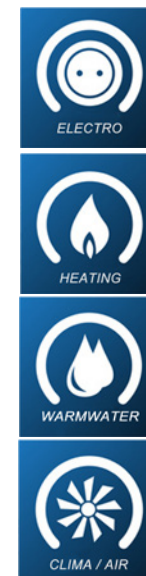
There is more than enough energy on your
roof to cover your entire energy needs for
electricity and heating.
This energy is free so why let it go to waste.
The no cost clean/green alternative to oil
or gas.



The 5 Star Roof

The House Roof of the Future:

Electricity + Heat from your own Roof



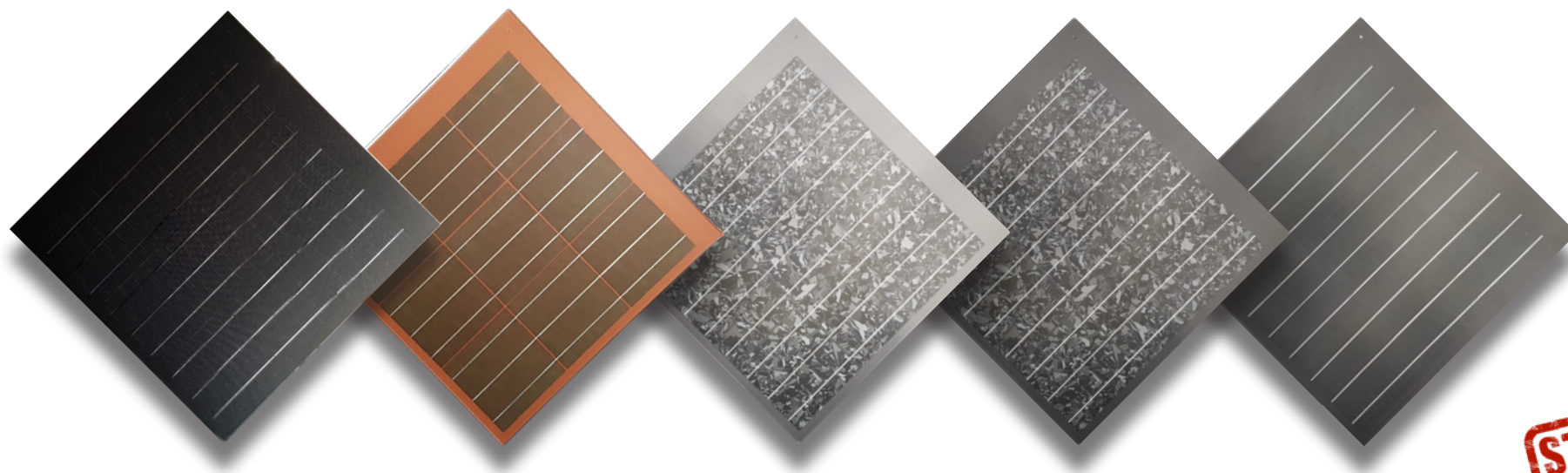
We help
you to
make
energy
bills a
thing of
the past !

One roof - 5 functions:

- 1. Great look for the house***
- 2. Weatherproof covering***
- 3. Electricity***
- 4. Heating***
- 5. Heat and cold insulation ... all from the Roof!***



Quad40 -SolarRoofTiles



STORMSAFE
UP TO 200 mph

only
14 kg
per m²

Quad 40 Technical Data

Cells: monocrystalline
Colour: anthracite
Efficiency: approx. 20.2%
Amount per m² for horizontal/diamond format: 3.75 / 4 tiles/m²
Actual Power: 166.39 / 177.48Wp/m²
Power equivalent including max LLE: 199.67 / 212.98 Wp/m²

Actual output from other colours:

Tile red: 143.44/ 153 Wp/m²
Grey shades (Crystal): 135 /144Wp/m²

Product warranty: 10 years
Performance guarantee: 40 years
with 80% of the installed capacity
Rain safety guarantee: 50 years

Note: Low Light Effect (LLE) values are estimated values and are location dependent.

Optionally, all variants are also available as a plus version with the same performance.

SolteQ - World's leader in clean energy innovations



40 years

Performance Warranty

SolteQ warrants the performance of the tiles on the basis that their output in 40year's time will still be 80% of their output today.

All SolteQ Solar Roof Tiles and shingles are 100% compliant with the rules of the German and american roofing trade.



50 years

Rain Safety Guarantee

We guarantee that our roofs will be rainproof for 50 years, provided that no mechanical damage has taken place. In reality the rain protection and durability of our roofs will be well in excess of 50 years. The glass we use is very high quality, low in iron oxide, low in oxygen, does not absorb moisture and is therefore frost-proof. The glass is also toughened to ensure that our roofs are both strong and robust for the lifetime of the product.



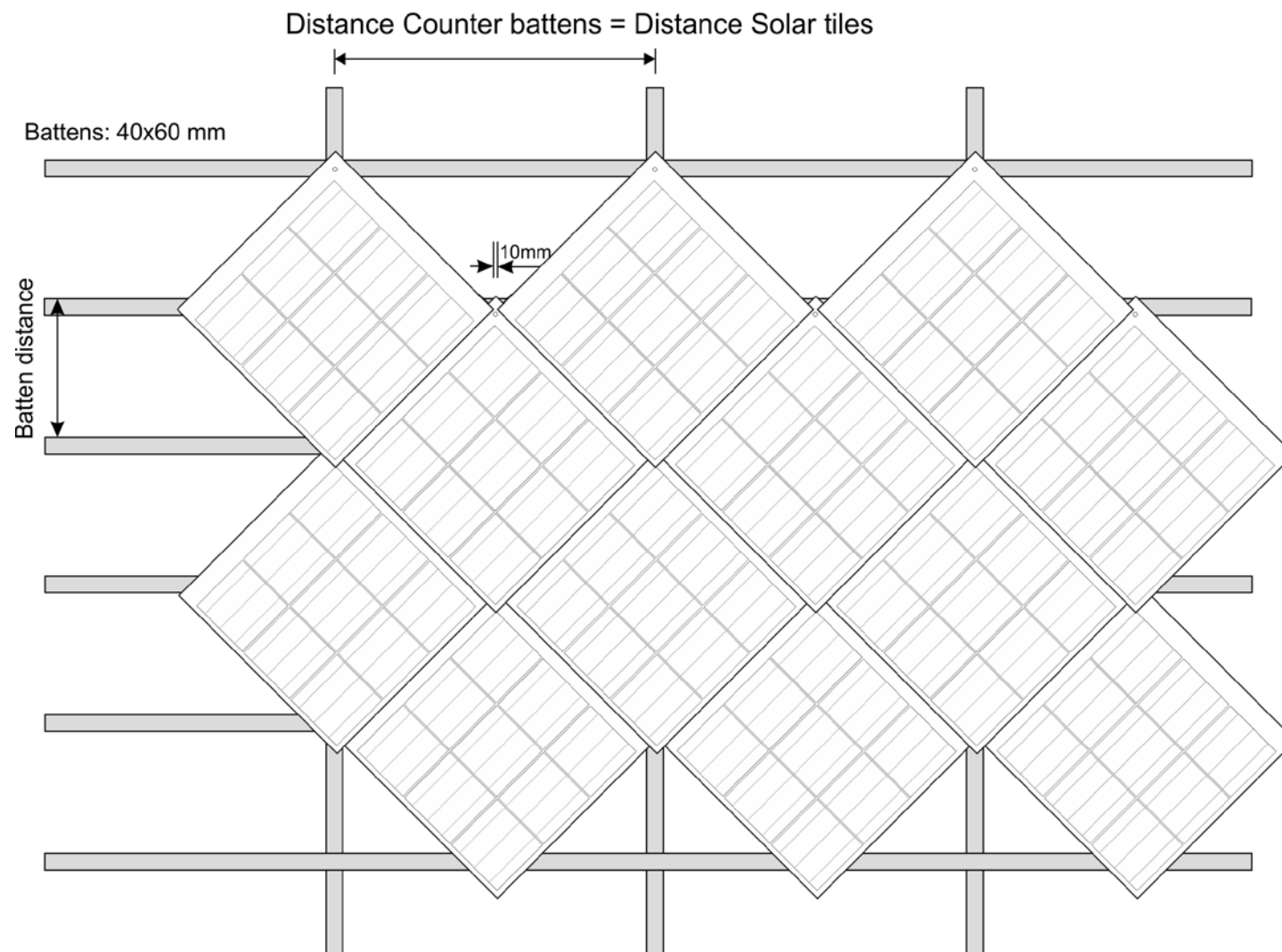
0% CO2
0.00 fuel costs
100% clean environment

... and all with aesthetics

SolteQ



SolteQ



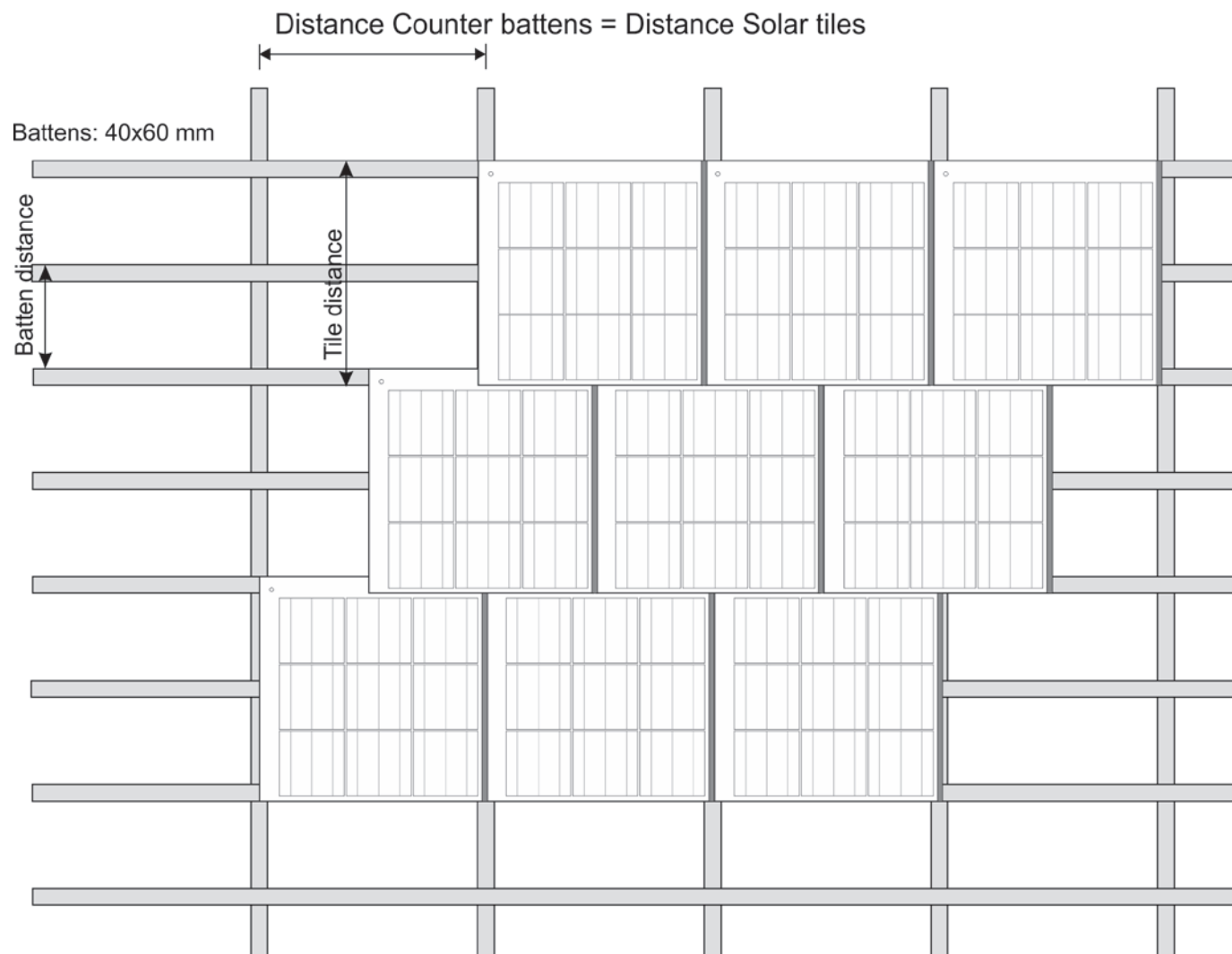
Distance Counter Battens = Distance axis tiles horizontal

Minimum:	76,5 cm
Optimum:	78 cm
Maximum:	81 cm

Nominal roof angle 25 °
 Minimum roof angle 15 °
 Installation with 1x screw

Distance Horizontal Battens = Distance axis tiles vertical:

Minimum:	31,5 cm
Optimum:	33,5 cm
Maximum:	35,5 cm



Please note:
 Our Tiles can be only as safe as the subroof. Our tiles do not break under the given conditions, but the subroof, which is not made from SolteQ defines the final strength of the final roof. Ask us, we will be happy to advise you.

Distance Counter Battens = Distance axis tiles horizontal
 Minimum: 54,5 cm
 Optimum: 54,5 cm
 Maximum: 54,5 cm

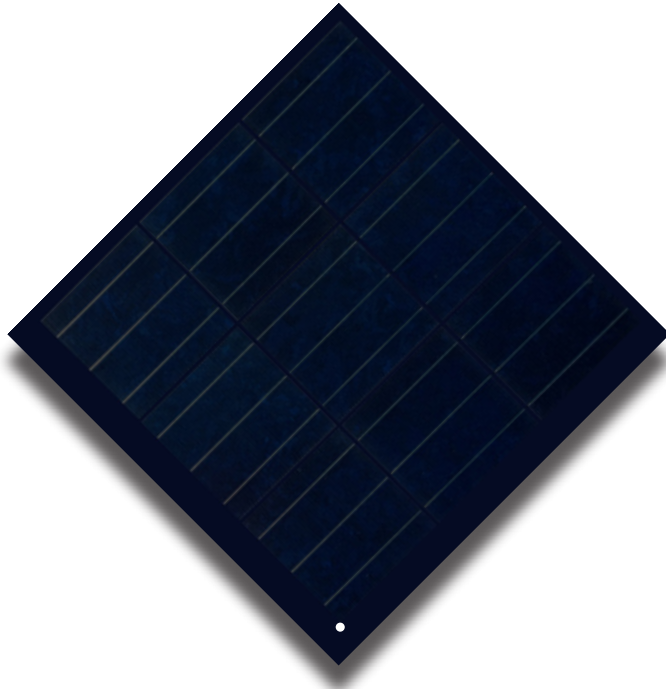
Nominal roof angle 25 °
 Minimum roof angle 15 °
 Installation with 1x screw

Distance Horizontal Battens = Distance axis tiles vertical:
 Minimum: 49,5 cm
 Optimum: 50 cm
 Maximum: 50,5 cm

Batten distance:
 Minimum: 24,75 cm
 Optimum: 25 cm
 Maximum: 25,25 cm

Quad60

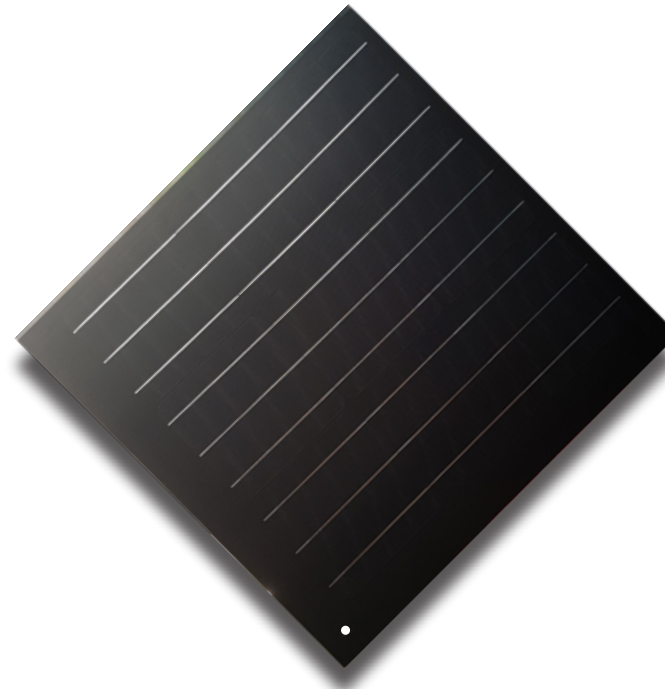
the ultimate ROOF SOLUTION



SolteQ-Quad60 - ECO

SolteQ-Quad60 - The economic SolarRoof

With a maximum of efficiency and a low cost in the passive areas, you will get for every demand a very suitable solution.



SolteQ-Quad60 - Premium-Anthracite



Quad 60 Technical Data

Cells: poly/monocrystalline

Colour: dark blue / anthracite

Efficiency: approx. 18-22.8%

Amount per m² for horizontal/diamond format: 3.75 / 4 tiles/m²

Actual Power (Anthracite): 166.39 / 177.48Wp/m²

Power equivalent (Anthracite) including max LLE: 199.67 / 212.98 Wp/m²

Actual Power (Eco): 151.88 / 162Wp/m²

Power equivalent (Eco) including max LLE: 182.25 / 194.4 Wp/m²

Product warranty: 10 years

Performance guarantee: 40 years

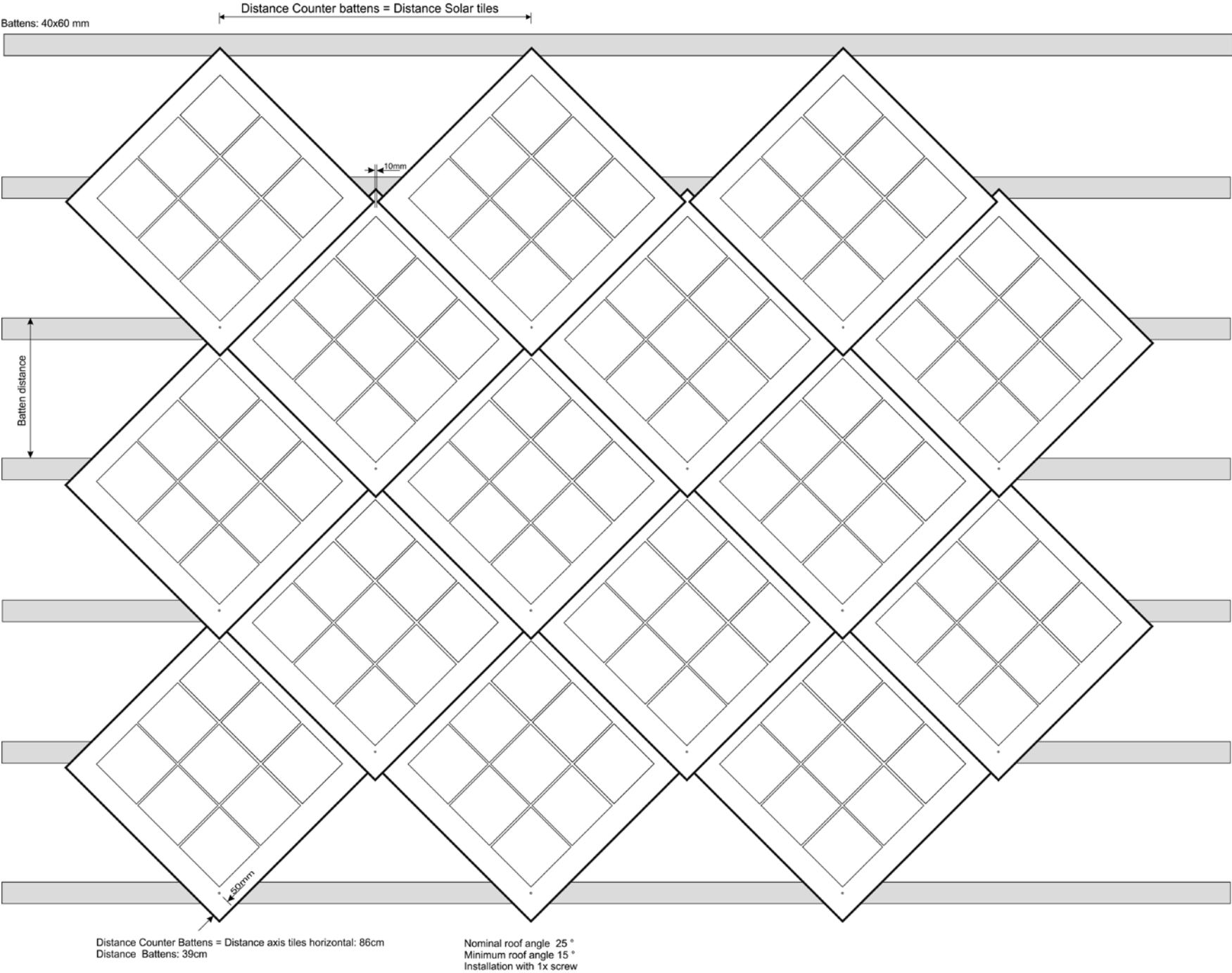
with 80% of the installed capacity

Rain safety guarantee: 50 years

Note: Low Light Effect (LLE) values are estimated values and are location dependent.



SolteQ Quad60 Easy Solar Roof Tiles 600x600mm - Diamond Pattern



SolteQ-Galexa Sub-Roof out of High Quality Composite Material

- Stormsafe
- Moisture resistant
- Termite resistant
- 100% waterproof
- does not age
- does not rot

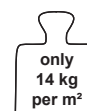
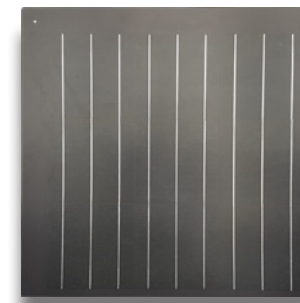
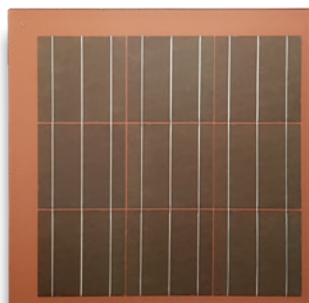
*... simply the perfect sub-roof
for a long life*



A Subroof out of composite material, instead of wooden plywood or sarkingboard. Composite consists of fiberglass and is waterproof, resistant against moisture and against termites. It has no aging and thus guarantees a very long lifetime.

The SolteQ-Galexa-Composite Subroof is available as Sheets in up to 6m length and 60-100cm wide.

Quad54 - Easy-SolarRoofTiles



Quad 54 Technical Data

Cells: monocrystalline

Colour: anthracite

Efficiency: approx. 20.2%

Amount per m² for horizontal/diamond format: 3.75 / 4 tiles/m²

Actual Power: 166.39 / 177.48Wp/m²

Power equivalent including max LLE: 199.67 / 212.98 Wp/m²

Actual output from other colours:

Tile red: 143.44/ 153 Wp/m²

Grey shades (Crystal): 135 /144Wp/m²

Product warranty: 10 years

Performance guarantee: 40 years

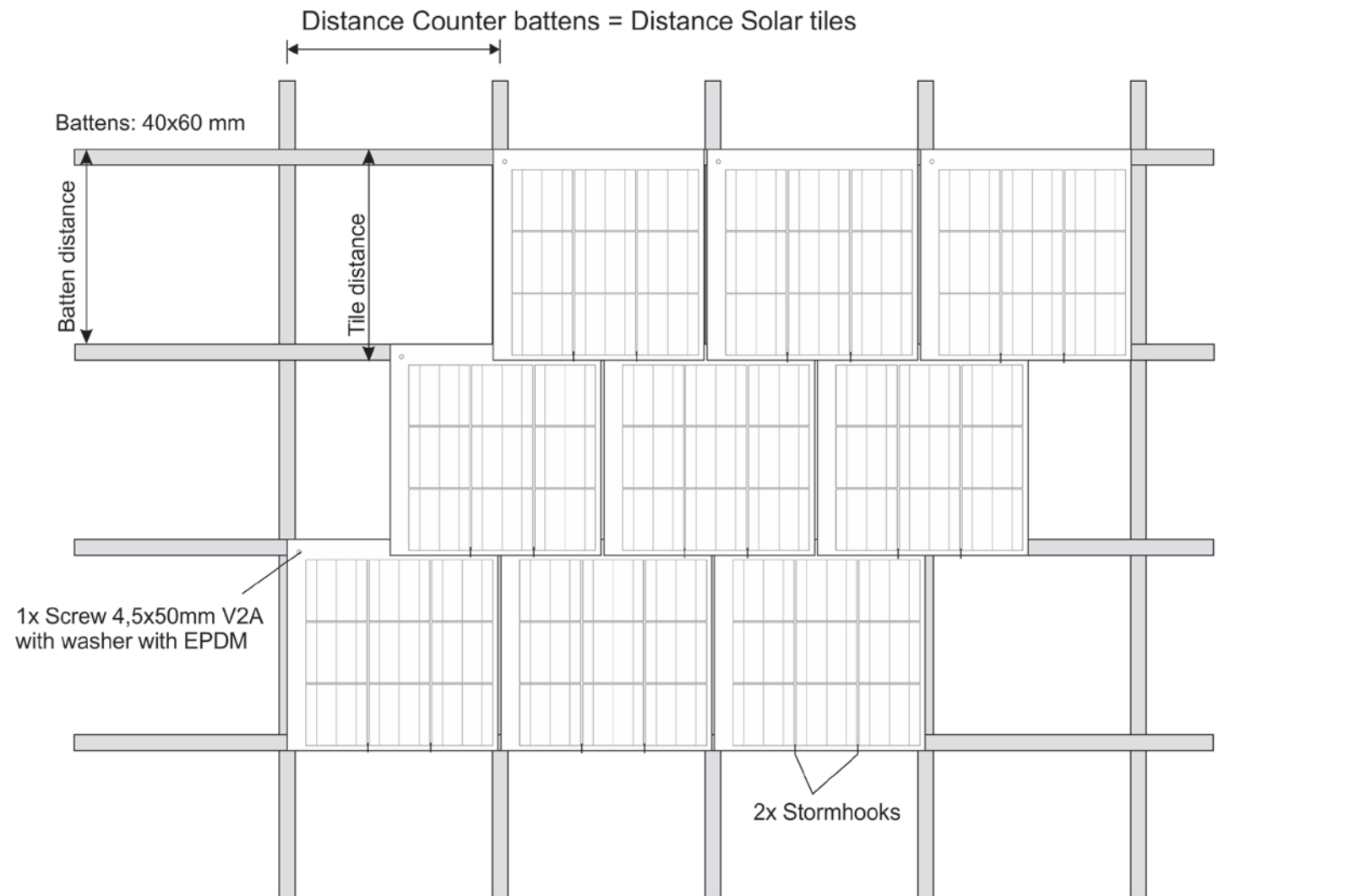
with 80% of the installed capacity

Rain safety guarantee: 50 years

Optionally, all variants are also available as a plus version with the same performance.

Note: Low Light Effect (LLE) values are estimated values and are location dependent.

SolteQ Quad54-Easy Solar Roof Tiles 540x540mm - Horizontal Pattern



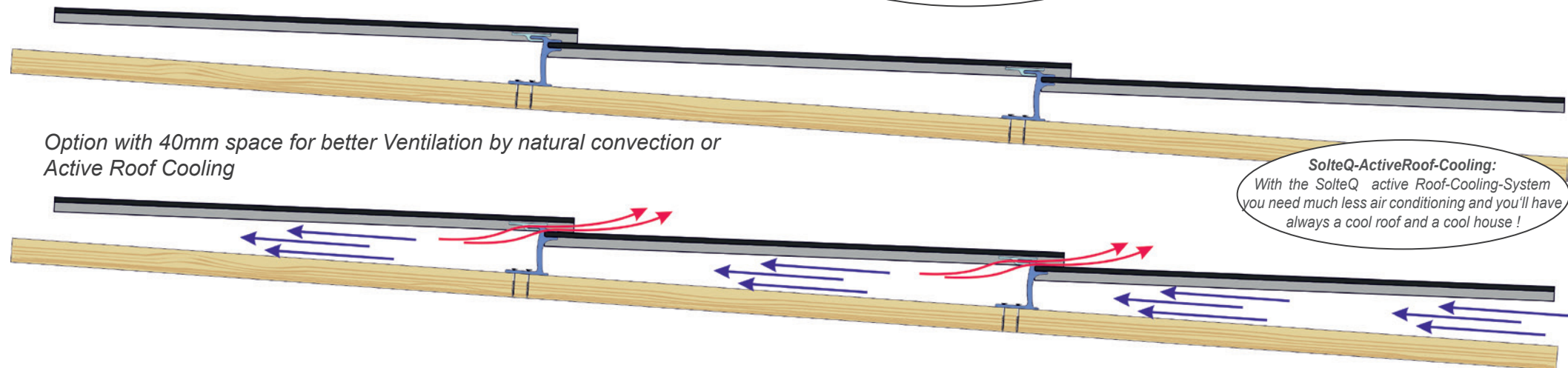
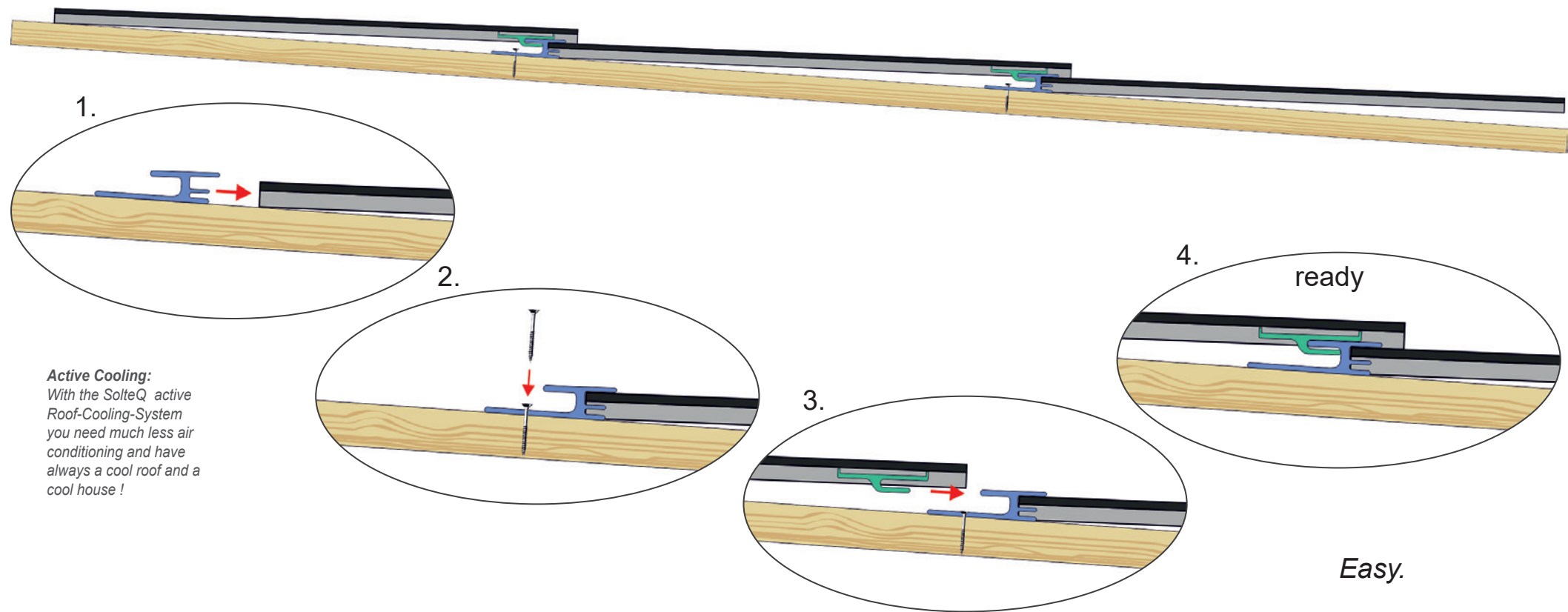
Distance Counter Battens = Distance axis tiles horizontal
Minimum: 54.5 cm
Optimum: 54.5 cm
Maximum: 54.5 cm

Distance Horizontal Battens = Distance axis tiles vertical:
Minimum: 50.0 cm
Optimum: 51.0 cm
Maximum: 52.0 cm

Nominal roof angle 25 °
Minimum roof angle 15 °
Installation with 1x screw + 2x stormhooks per tile

Direct installation on the plywood - easy

Easy - quick - cost saving.



SolteQ-Quad54-Solar Roof Tiles Plywood - Horizontal Pattern

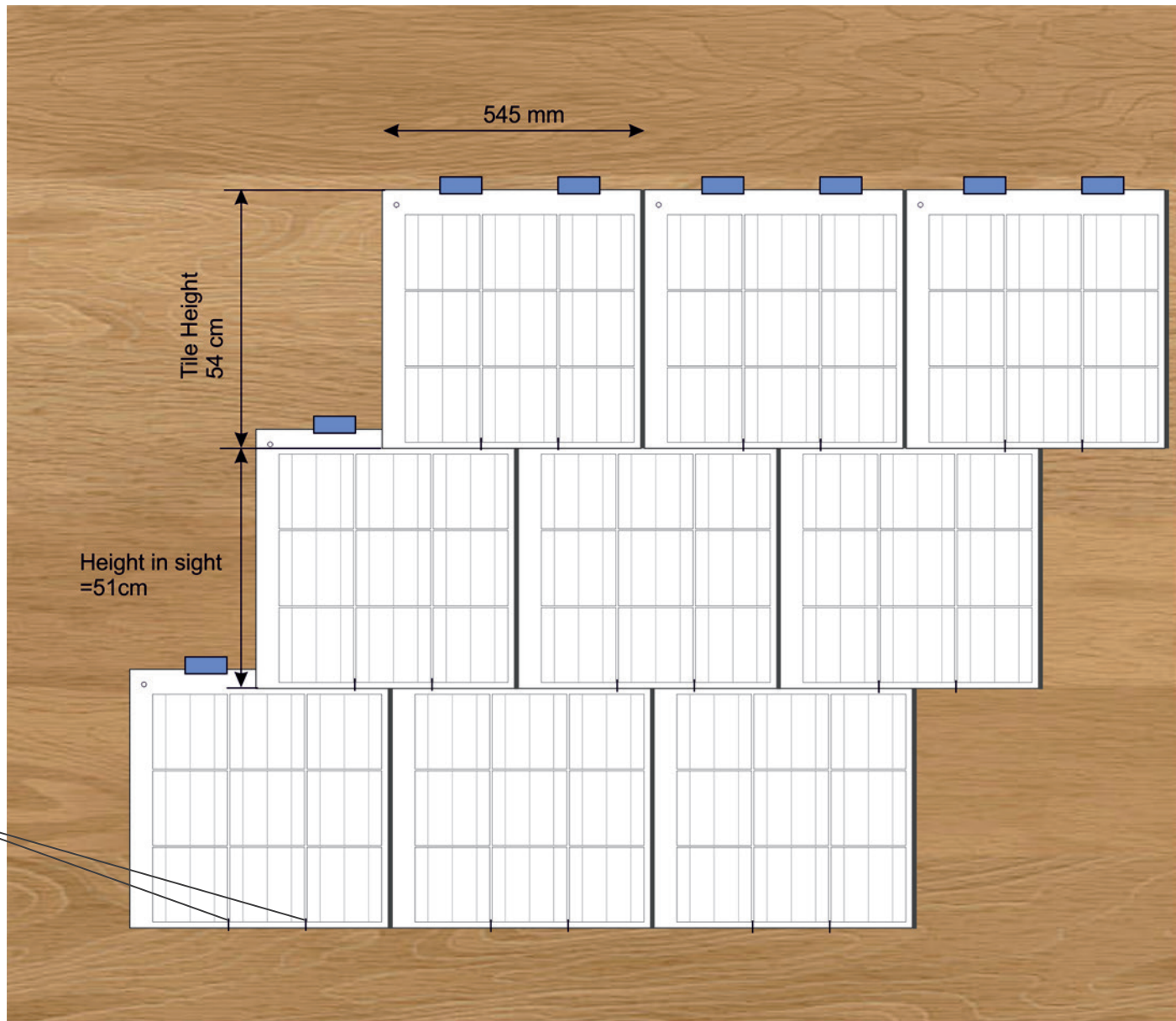
All houses roofs in the future must get a weatherproof protection including energy production.

No more Energy bills with a SolteQ-SolarRoof.

Stormsafe up to
160 mph with 2 screws
+stromhooks
or
200 mph with 4 screws
+stromhooks

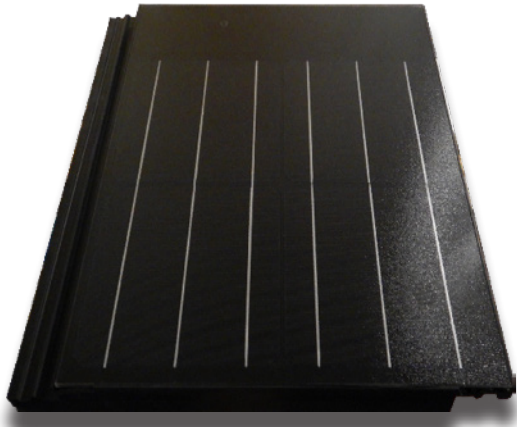
Stormhooks
In regions with higher
winds and storms the
two springhooks will be
installed additionally. This
makes the system much
more strong.

Please note:
The SolarRoof can only be
safe as much the under-
layment is strong enough !

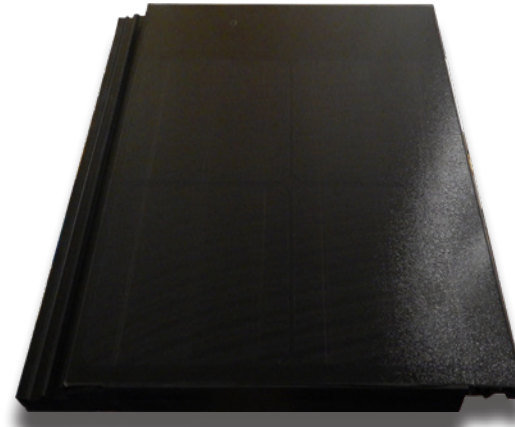


Interlocking Tiles

For combination with conventional concrete roof tiles



*SolteQ System Tile-single size
Premium-Black*



*SolteQ-System Tile-single size
Premium-Black-Plus*

STORMSAFE
UP TO 200 mph

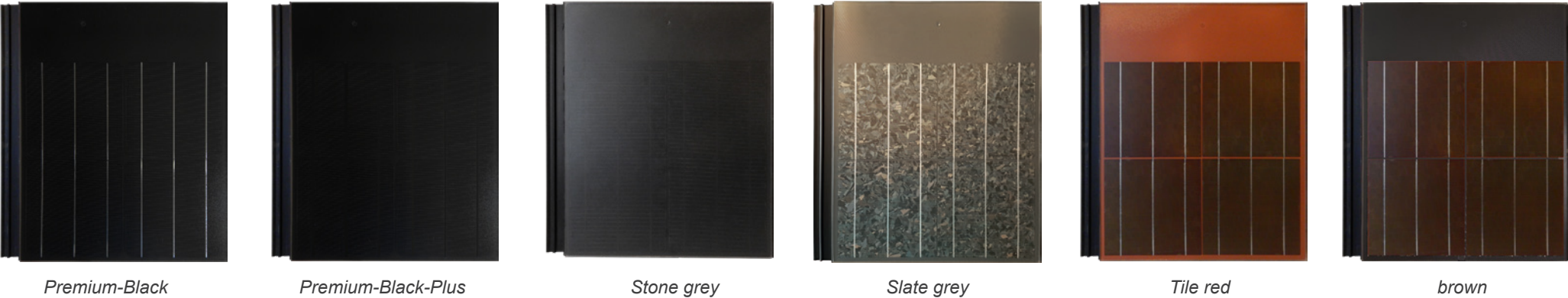
Solar tiles are not visible



SolteQ-Interlocking Tiles

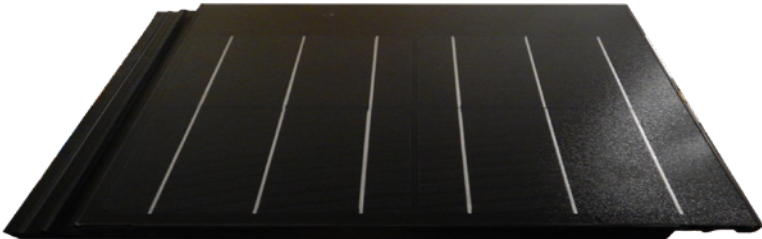
Concrete tiles

SolteQ-System- Solar Roof Tiles -single size
replaces one conventional Roof Tile



SolteQ-System-Tile-double size
Replace two Concrete Tiles

Optionally, all variants are also available as a plus version with the same performance.



SolteQ-System-Tile-double size
 Premium-Black



SolteQ-System-Tile-double size
 Premium-Black-Plus

... and all other colors in the version Double-Size available

Available for following types and manufacturers:

Braas-Tegalit	Typ: SQ-SS/DS-Braas-Tegalit
Braas-Turmalin	Typ: SQ-SS/DS-Braas-Turmalin
Marley-Modern-Tile	Typ: SQ-SS/DS-ML-MT
Creaton-Kapstadt	Typ: SQ-SS/DS-CR-KS
Wienerberger-Alegra 8-12	Typ: SQ-SS/DS-WB-ALG
Wienerberger-Plano	Typ: SQ-SS/DS-WB-PLN (replace two)

Technical data
 Cells: monocrystalline
 Color: anthracite
 Efficiency: approx. 20.2%
 Product warranty: 5 years
 Performance guarantee: 40 years
 with 80% of the installed capacity
 Rain safety guarantee: 50 years
 LLE = LowLightEffect, Values are indicated values
 For detailed information, please see our main catalog

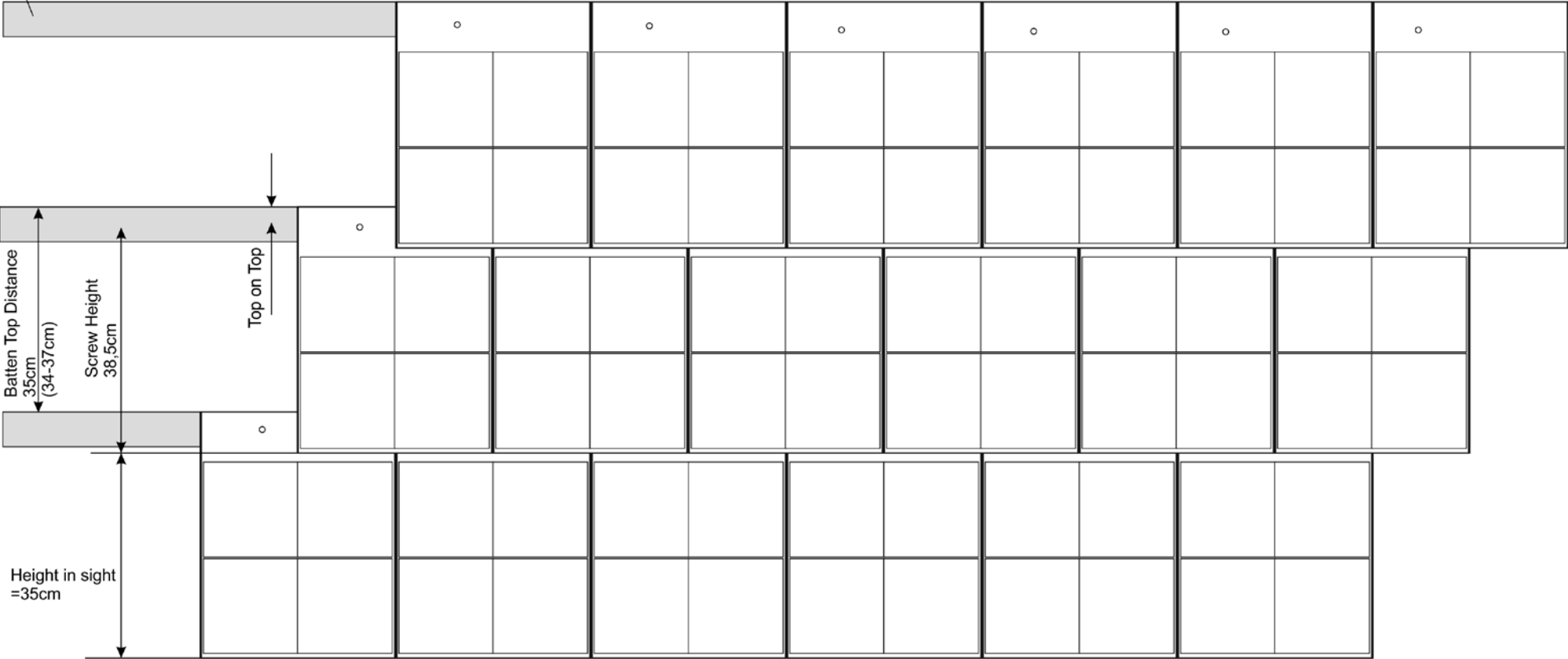
Power - Single Size (4 Cell)
 Amount per m²: 8.65 tiles/m²
 Power (Anthracite): 170.58 Wp/m2. Power incl. maximum LLE: 204.7Wp/m²
 Power (Eco):155.7 Wp/m2. Power incl. maximum LLE: 186.84Wp/m²
 Power (Tile Red):147.05 Wp/m2. Power incl. maximum LLE: 176.46 Wp/m²
 Power (Grey crystal shades):138.4 Wp/m2. Power incl. maximum LLE: 166.08 Wp/m²

Power - Double Size (6 Cell)
 Amount per m²:5 tiles/ m²
 Power (Anthracite): 147.9 Wp/m2. Power incl. maximum LLE: 177.48 Wp/m²
 Power (Eco):135 Wp/m2. Power incl. maximum LLE: 162 Wp/m²
 Power (Tile Red):127.5 Wp/m2. Power incl. maximum LLE: 153 Wp/m²
 Power (Grey crystal shades):120 Wp/m2. Power incl. maximum LLE: 144 Wp/m²

SolteQ-Interlocking Solar Roof Tiles 420x330mm - Pattern

Single-Size, replaces one conventional tile

Battens: 40x60 / 30x50 mm



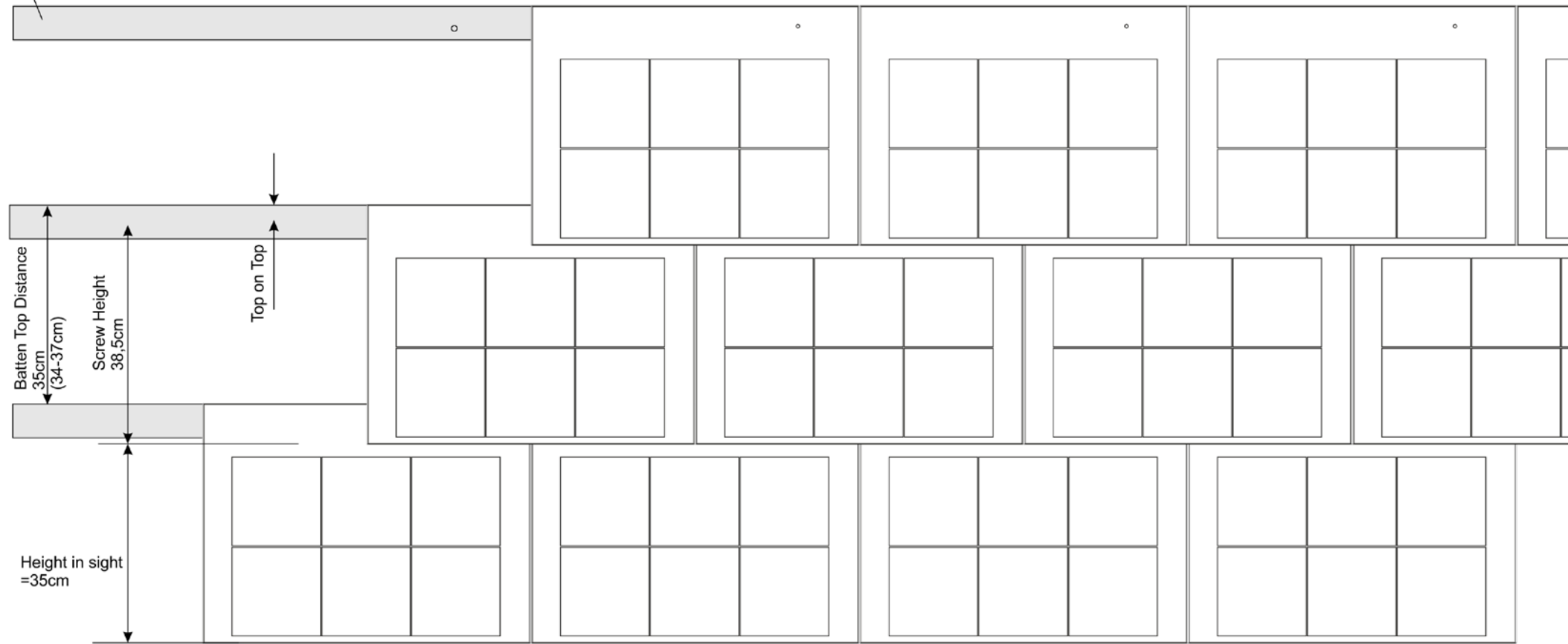
Nominal roof slope 10-90 °
Minimum roof slope 3 °

3-5mm

SolteQ-Interlocking Solar Roof Tiles 420x578mm - Pattern

Double-Size, replaces two conventional tiles

Battens: 40x60 / 30x50 mm



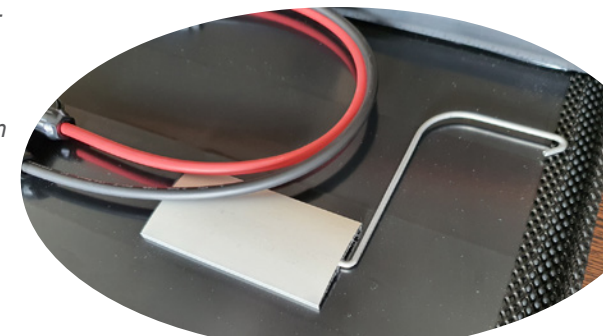
Nominal roof slope 10-90 °

Minimum roof slope 3 °

Integrated and invisible sanitary ventilation (option)



Easy installation and storm-proof: every single brick has its own storm hook on the back.



SolteQ-Solar Roofs - Changing the world





SolteQ-Infinity XS Spanish Style

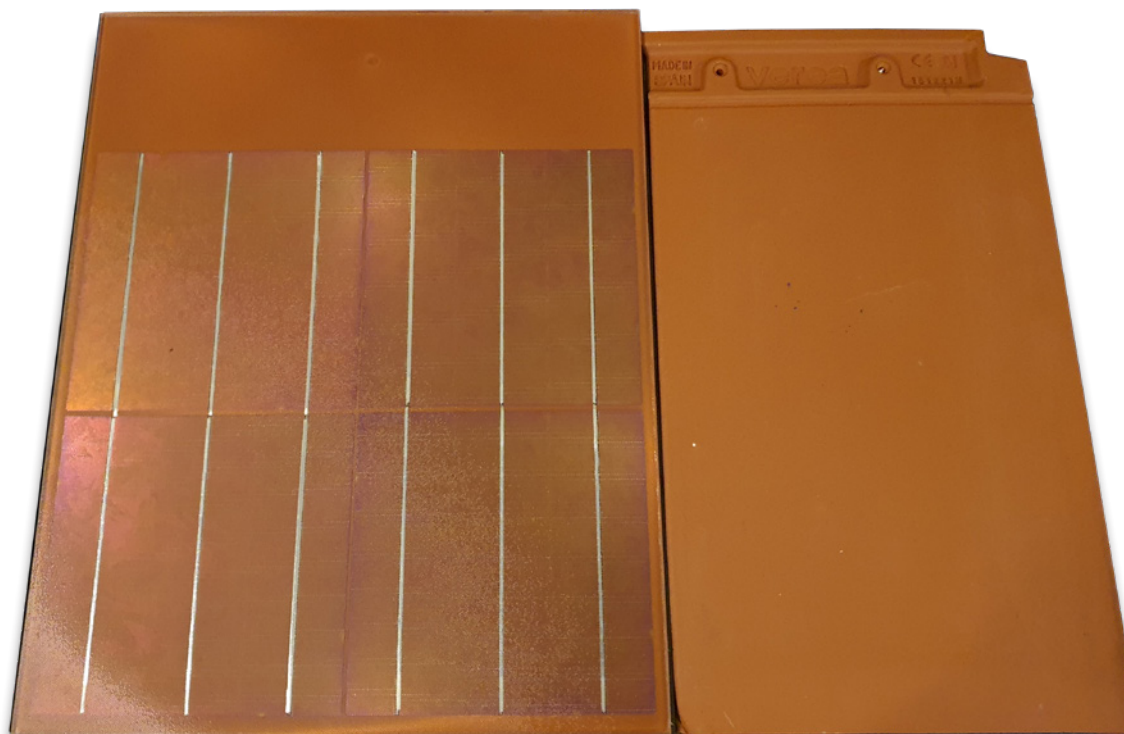


Find out more by getting in touch with SolteQ today.
Our team are only a click call away!
(+49) 5933 92480
or email us at: info@solteq.eu

SolteQ

+

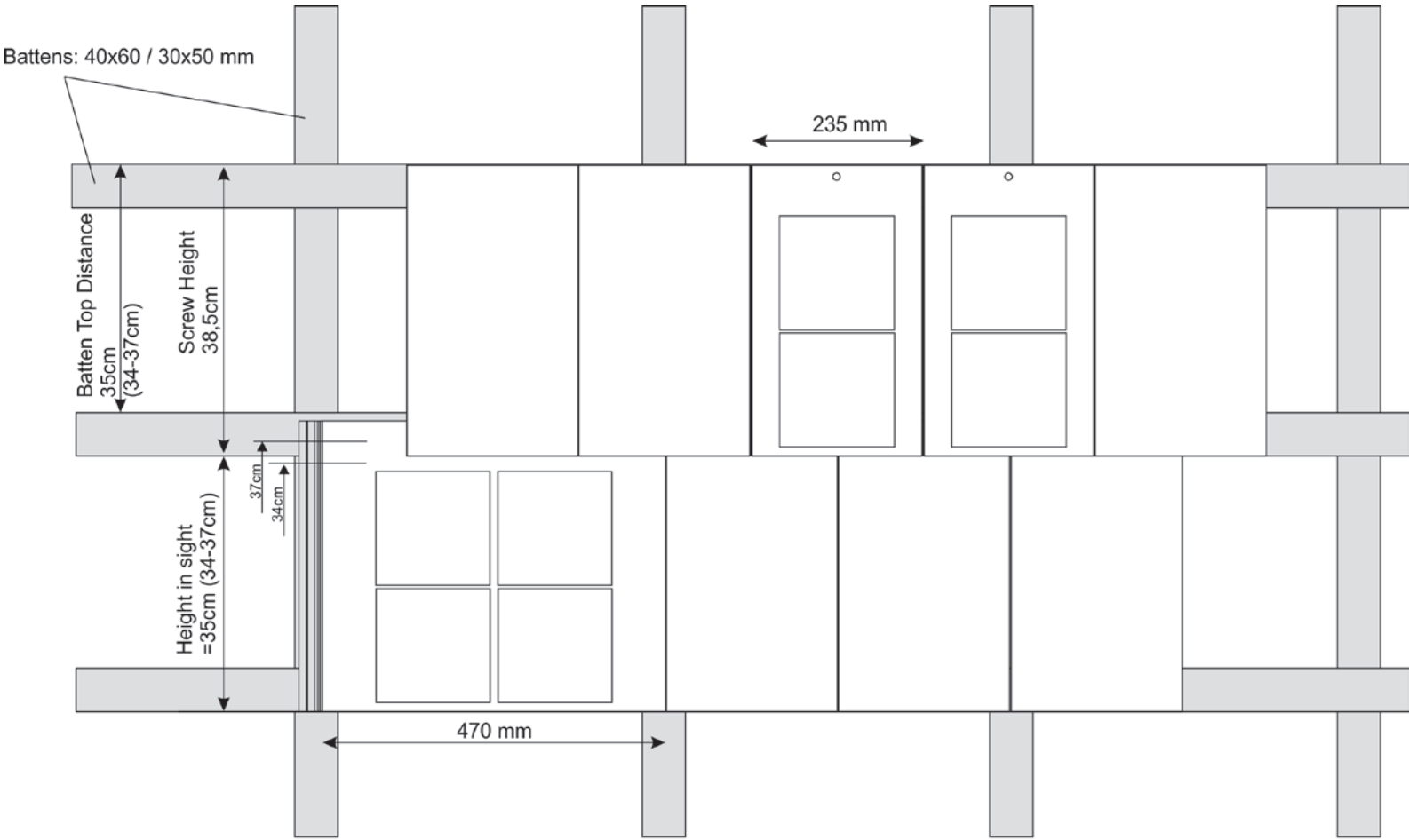
 **verea**
premium *clay* tiles



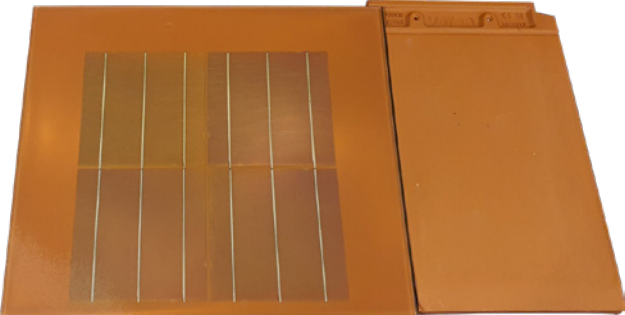
STORMSAFE
UP TO 200 mph

SolteQ/Verea-Solartile 42x33cm for maximum efficiency per m²

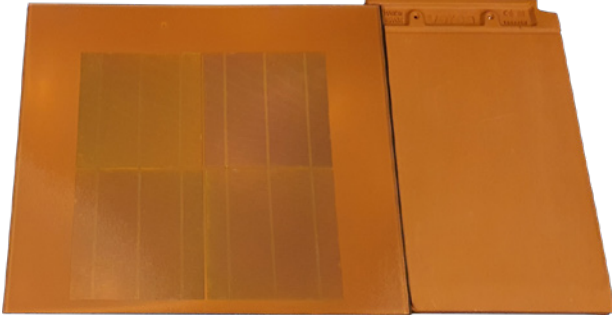
SolteQ-Verea Solar Roof Tiles - installation on battens - Horizontal Pattern



Nominal roof slope 10-90 °
Minimum roof slope 3 °



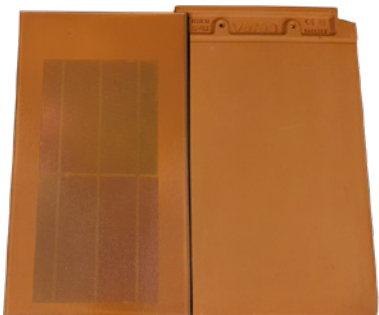
SQV-Doublesize
replaces two conventional tiles



SQV-Doublesize-Plus



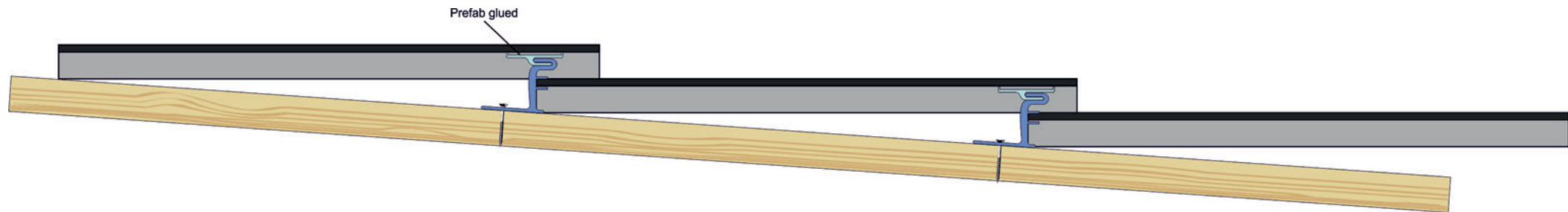
SQV-Singlesize
replaces one conventional tile



SQV-Singlesize-Plus

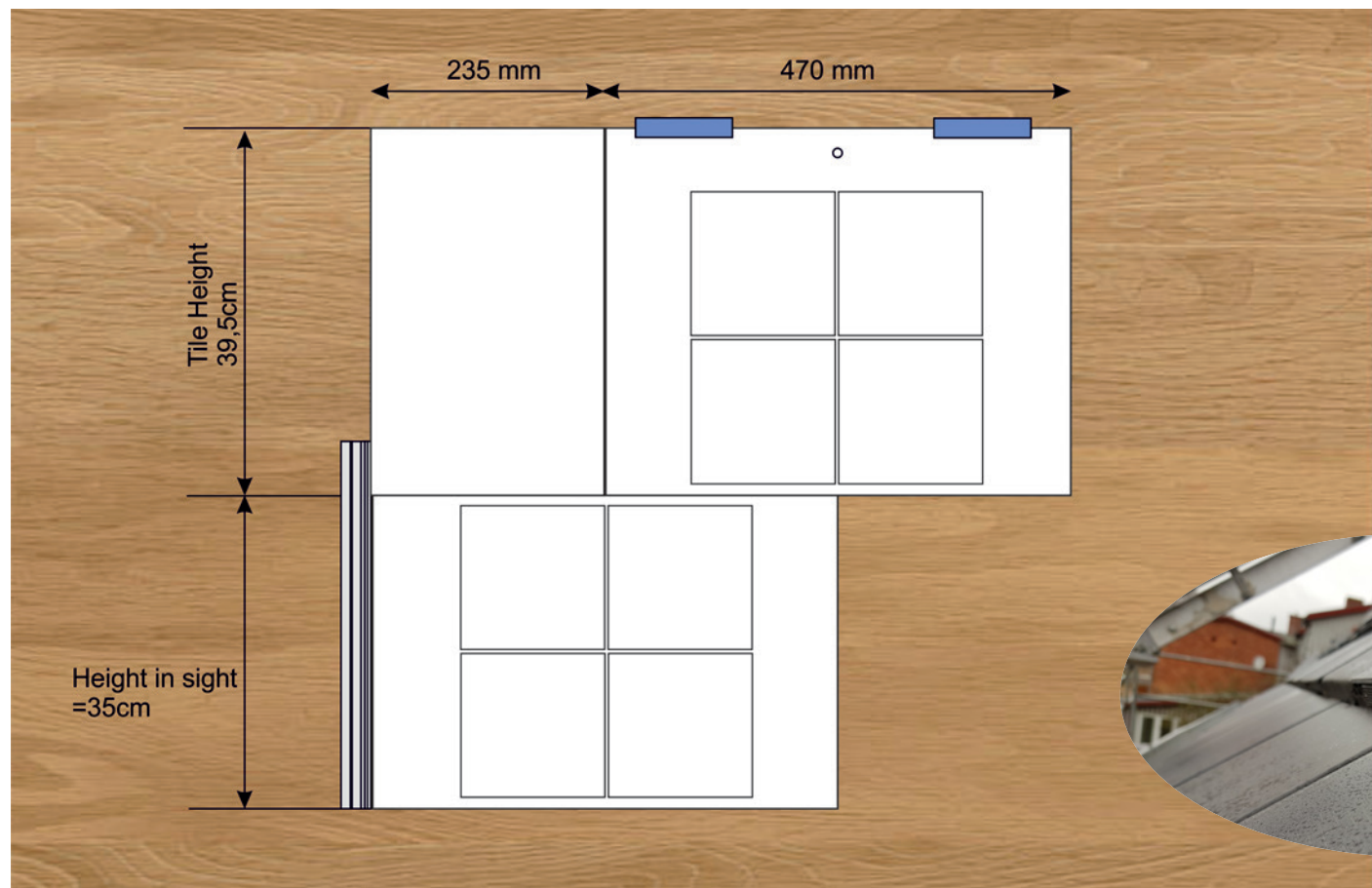
Direct installation on the plywood - "EASY"

You can place SolteQ-Verea-Solar-Tiles same way as you install the clay tiles from Verea



SolteQ-Interlocking solar tiles for Verea clay tiles - Pattern

Double-Size, replaces two conventional tiles



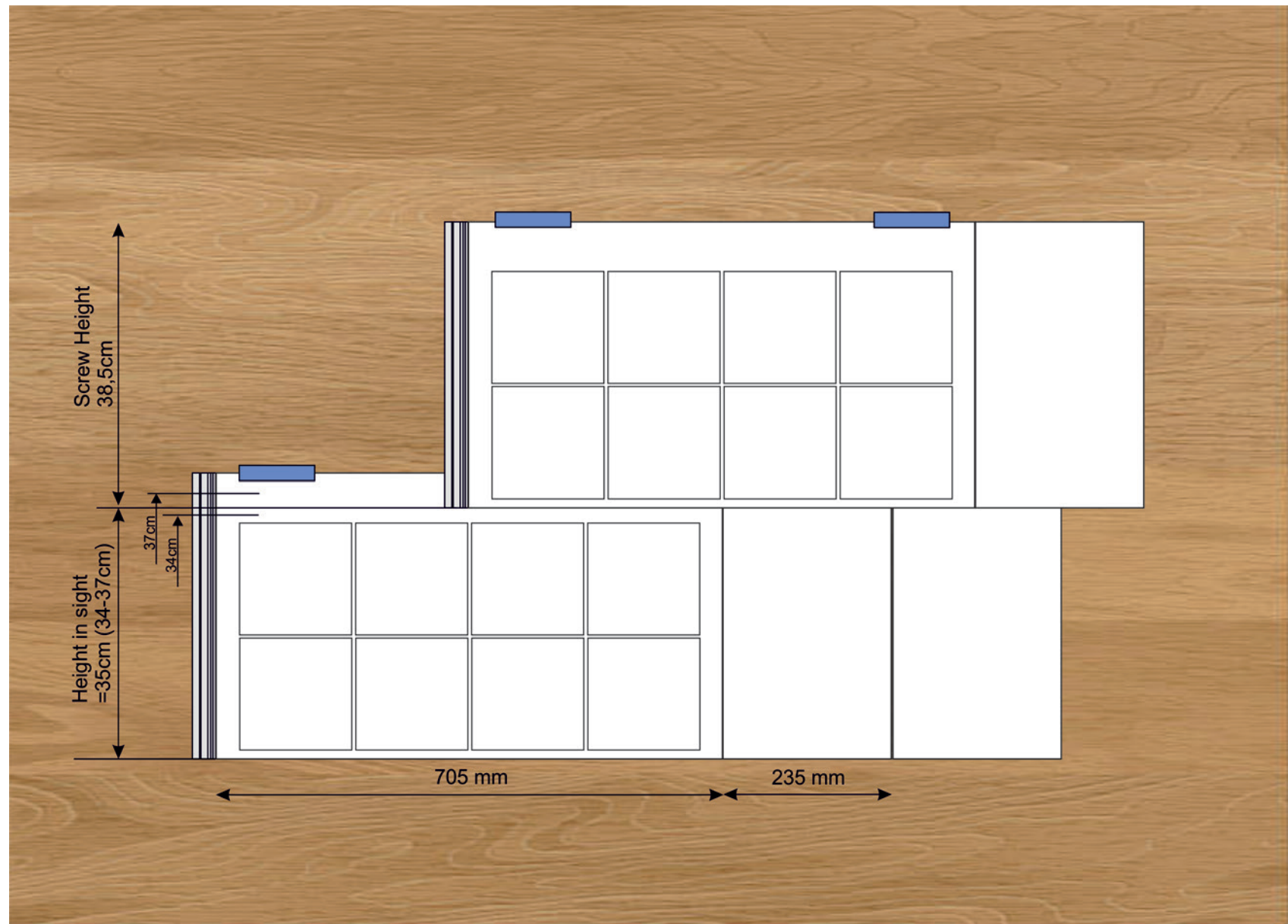
Integrated and invisible
sanitary ventilation
(option)





SolteQ-Verea-Triplesize

Direct installation on plywood - easy & quick



SolteQ

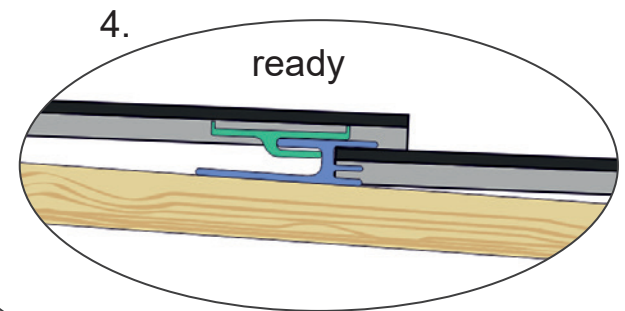
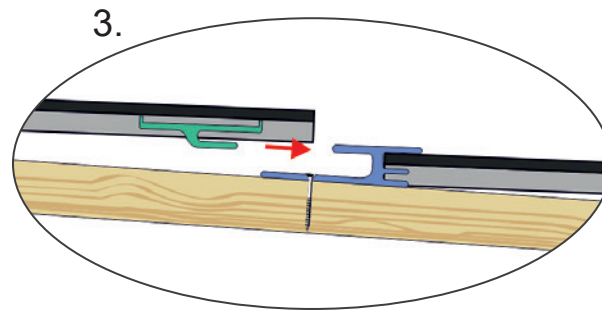
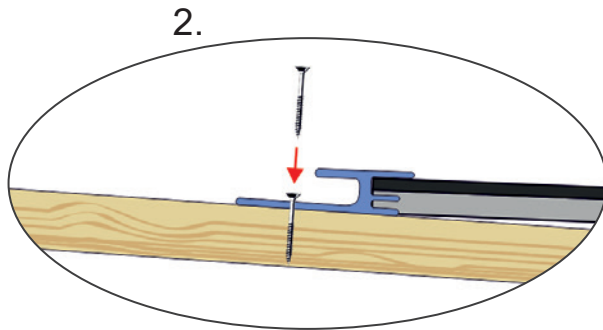
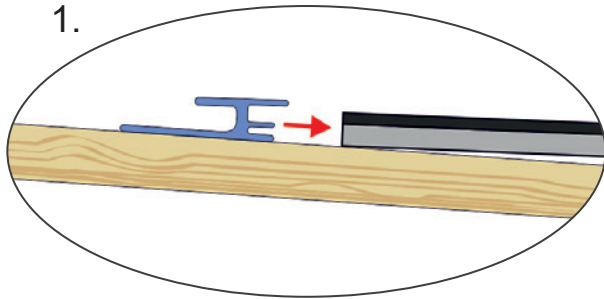
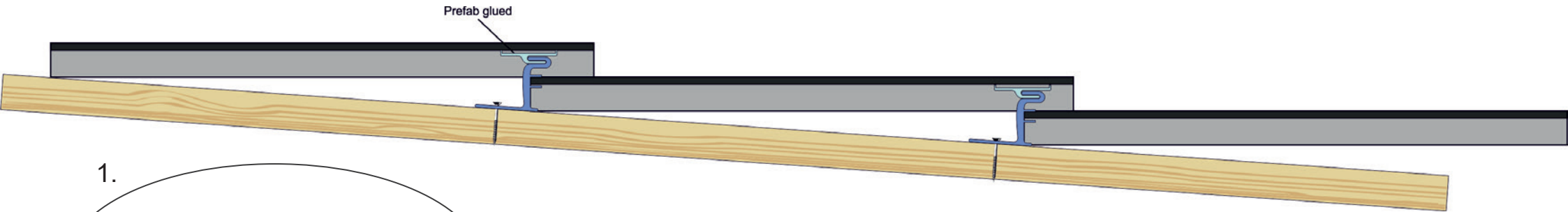


*Find out more by getting in touch with SolteQ today.
The team are only a click call away!*



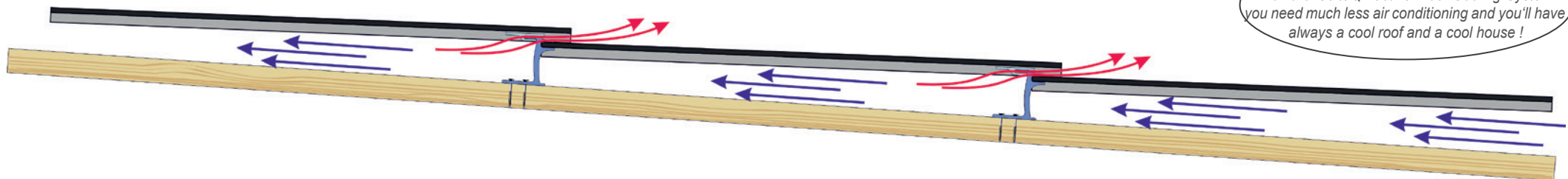


Direct installation on the plywood - "EASY"



Easy.

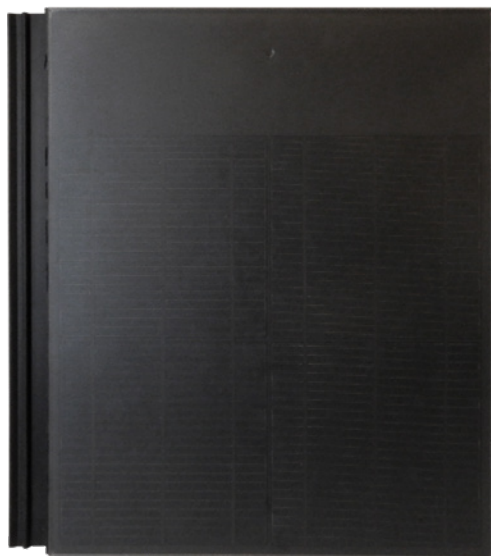
Option with 40mm space for better Ventilation by natural convection or Active Roof Cooling



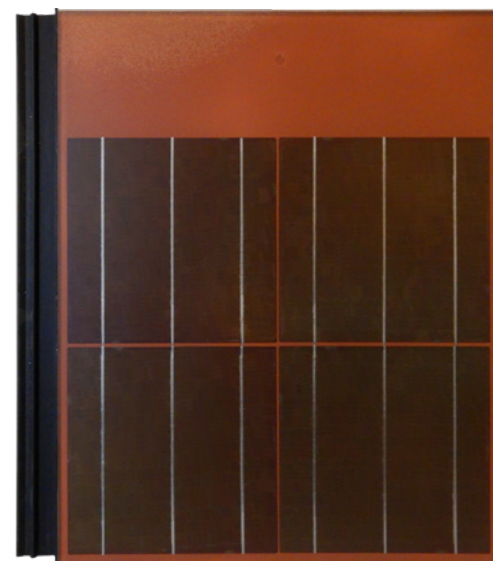
SolteQ-ActiveRoof-Cooling:
With the SolteQ active Roof-Cooling-System
you need much less air conditioning and you'll have
always a cool roof and a cool house !



SolteQ-System-tile-Slate look / crystal



SolteQ-System-tile-rock grey-plus



SolteQ-System-tile-Tile red

Available as single size or double size

*Integrated and invisible sanitary ventilation
(option)*



		Nom. Power	Uoc	Isc	Umpp	Impp	Eff.	Cells	Power	Uoc	Umpp	Power/ft²	Tiles per ft²
		Pmpp						per Tile	per Tile	Tile	Tile		
		Wp/Cell	V	A	V	A	%	pcs.	Wp	V	V	Wp/ft²	pcs.
Art.No.	420x330												
56301	SQ-Verea-Flattile 420x330-Anthracite	4,93	0,65	9,55	0,54	9,06	22,0%	4	19,72	2,58	2,18	7,79	0,395
56302	SQ-Verea-Flattile 420x330-Anthracite-PLUS	4,93	0,65	9,55	0,54	9,06	22,0%	4	19,72	2,58	2,18	7,79	0,395
56303	SQ-Verea-Flattile 420x330-Basaltgray	4,00	0,63	7,83	0,53	7,37	18,5%	4	16,00	2,50	2,11	6,32	0,395
56304	SQ-Verea-Flattile 420x330-Basaltgray-PLUS	4,00	0,63	7,83	0,53	7,37	18,5%	4	16,00	2,50	2,11	6,32	0,395
56305	SQ-Verea-Flattile 420x330-Slategray	4,00	0,63	7,83	0,53	7,37	18,5%	4	16,00	2,50	2,11	6,32	0,395
56306	SQ-Verea-Flattile 420x330-Slategray-PLUS	4,00	0,63	7,83	0,53	7,37	18,5%	4	16,00	2,50	2,11	6,32	0,395
56307	SQ-Verea-Flattile 420x330-Tilered	4,50	0,64	8,79	0,54	8,23	17,8%	4	18,00	2,56	2,15	7,11	0,395
56308	SQ-Verea-Flattile 420x330-Tilered-PLUS	4,50	0,64	8,79	0,54	8,23	17,8%	4	18,00	2,56	2,15	7,11	0,395
56309	SQ-Verea-Flattile 420x330-PASSIVE												
	Doublesize												
56321	SQ-Verea-Flattile 395x470-Anthracite	4,93	0,65	9,55	0,54	9,06	22,0%	4	19,72	2,58	2,18	10,99	0,557
56322	SQ-Verea-Flattile 395x470-Anthracite-PLUS	4,93	0,65	9,55	0,54	9,06	22,0%	4	19,72	2,58	2,18	10,99	0,557
56323	SQ-Verea-Flattile 395x470-Basaltgray	4,00	0,63	7,83	0,53	7,37	18,5%	4	16,00	2,50	2,11	8,92	0,557
56324	SQ-Verea-Flattile 395x470-Basaltgray-PLUS	4,00	0,63	7,83	0,53	7,37	18,5%	4	16,00	2,50	2,11	8,92	0,557
56325	SQ-Verea-Flattile 395x470-Slategray	4,00	0,63	7,83	0,53	7,37	18,5%	4	16,00	2,50	2,11	8,92	0,557
56326	SQ-Verea-Flattile 395x470-Slategray-PLUS	4,00	0,63	7,83	0,53	7,37	18,5%	4	16,00	2,50	2,11	8,92	0,557
56327	SQ-Verea-Flattile 395x470-Tilered	4,50	0,64	8,79	0,54	8,23	17,8%	4	18,00	2,56	2,15	10,03	0,557
56328	SQ-Verea-Flattile 395x470-Tilered-PLUS	4,50	0,64	8,79	0,54	8,23	17,8%	4	18,00	2,56	2,15	10,03	0,557
56329	SQ-Verea-Flattile 395x470-PASSIVE												
	Singlesize												
56331	SQ-Verea-Flattile 395x235-Anthracite	4,93	0,65	9,55	0,54	9,06	22,0%	2	9,86	1,29	1,09	10,99	1,115
56332	SQ-Verea-Flattile 395x235-Anthracite-PLUS	4,93	0,65	9,55	0,54	9,06	22,0%	2	9,86	1,29	1,09	10,99	1,115
56333	SQ-Verea-Flattile 395x235-Basaltgray	4,00	0,63	7,83	0,53	7,37	18,5%	2	8,00	1,25	1,05	8,92	1,115
56334	SQ-Verea-Flattile 395x235-Basaltgray-PLUS	4,00	0,63	7,83	0,53	7,37	18,5%	2	8,00	1,25	1,05	8,92	1,115
56335	SQ-Verea-Flattile 395x235-Slategray	4,00	0,63	7,83	0,53	7,37	18,5%	2	8,00	1,25	1,05	8,92	1,115
56336	SQ-Verea-Flattile 395x235-Slategray-PLUS	4,00	0,63	7,83	0,53	7,37	18,5%	2	8,00	1,25	1,05	8,92	1,115
56337	SQ-Verea-Flattile 395x235-Tilered	4,50	0,64	8,79	0,54	8,23	17,8%	2	9,00	1,28	1,08	10,03	1,115
56338	SQ-Verea-Flattile 395x235-Tilered-PLUS	4,50	0,64	8,79	0								

SolteQ-Solar Roofs - Made for Storm

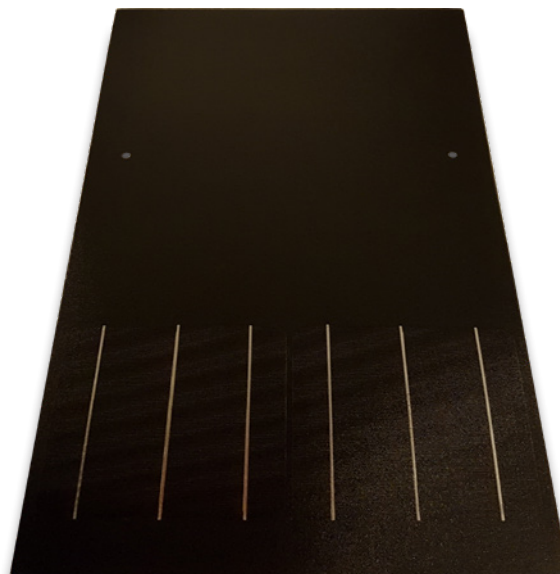


INFINITY

Roof & Facade Shingle

*Laying in traditional
Rectangular double coverage
for combination with fibre/cement or
real slate roof or facade tiles or shingles*

*All SolteQ Solar Roof Tiles and shingles are 100% compliant
with the rules of the German and American roofing trade.*



*100% compatible with fibre cement tiles available from
a variety of roof tile manufacturers ie. Marley.*



Technical data

Cells:	monocrystalline
Color:	anthracite
Efficiency:	approx. 20.2%
Product warranty:	5 years
Performance guarantee:	40 years
with 80% of the installed capacity	
Rain safety guarantee:	50 years
LLE = LowLightEffect, Values are indicated values	
For detailed information, please see our main catalog	

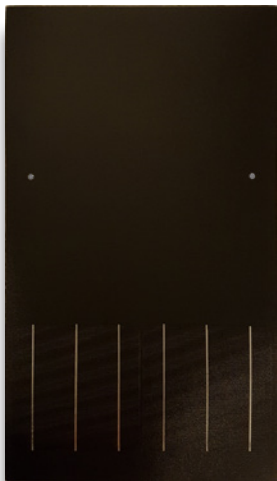
Power - Infinity

Amount per m²: 12.63 tiles/ m²
Power (Anthracite): 124.53 Wp/m².
Power incl. maximum LLE: 149.44 Wp/m²
Power (Eco): 113.67 Wp/m².
Power incl. maximum LLE: 136.4 Wp/m²
Power (Tile Red): 107.36 Wp/m².
Power incl. maximum LLE: 128.83 Wp/m²
Power (Grey crystal shades): 101.04 Wp/m².
Power incl. maximum LLE: 121.25 Wp/m²

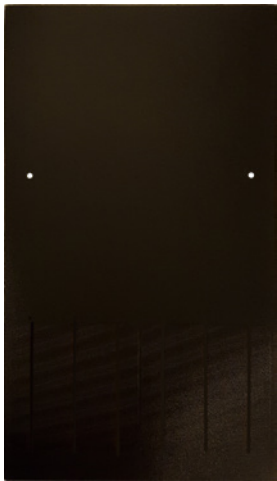
*Optionally, all variants are also available as a
plus version with the same performance.*

SolteQ-Infinity

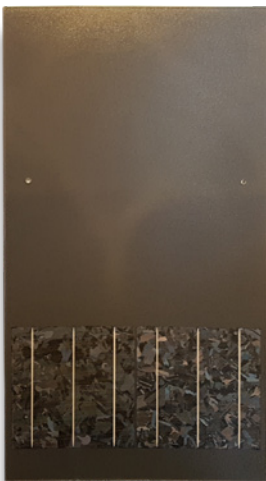
Can be combined with conventional fibre / cement shingles



SolteQ-Infinity Anthracite



SolteQ-Infinity Anthracite Plus



SolteQ-Infinity Slate look Plus



SolteQ-Infinity stonegrey



SolteQ-Infinity tiled

SolteQ-Infinity

other variants and formats

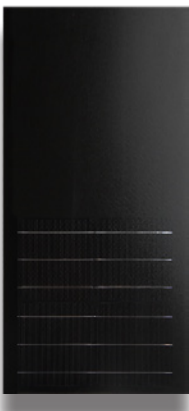
INFINITY-XL-800x510-DD

Infinity slate look with maximum yield
Laying: rectangular double covering



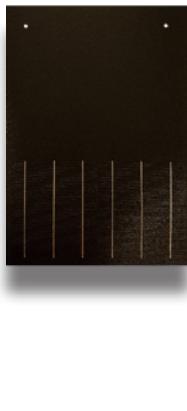
INFINITY-X-780x330-DD

Infinity slate look with maximum yield
Laying: rectangular double covering



INFINITY-S-480x330-DD

Infinity slate look with maximum yield
Laying: rectangular double covering



INFINITY-XS-420x330

Infinity slate look with maximum yield
Laying: Small size with seal, high performance



Power Infinity XL -DD

Amount per m²:5.94 tiles/ m²
Power (Anthracite): 175.71 Wp/m², incl. max. LLE: 210.85 Wp/m²
Power (Eco):160.38 Wp/m², incl. max. LLE: 192.46 Wp/m²
Power (Tile Red):151.47 Wp/m², incl. max. LLE: 181.76 Wp/m²
Power (Grey crystal shades):142.56 Wp/m², incl. max. LLE: 171.07 Wp/m²

Power Infinity X -DD

Amount per m²:9.18 tiles/ m²
Power (Anthracite): 181.03 Wp/m², incl. max. LLE: 217.24 Wp/m²
Power (Eco):165.24 Wp/m², incl. max. LLE: 198.29 Wp/m²
Power (Tile Red):156.06 Wp/m², incl. max. LLE: 187.27 Wp/m²
Power (Grey crystal shades):146.88 Wp/m², incl. max. LLE: 176.26 Wp/m²

Power Infinity S -DD

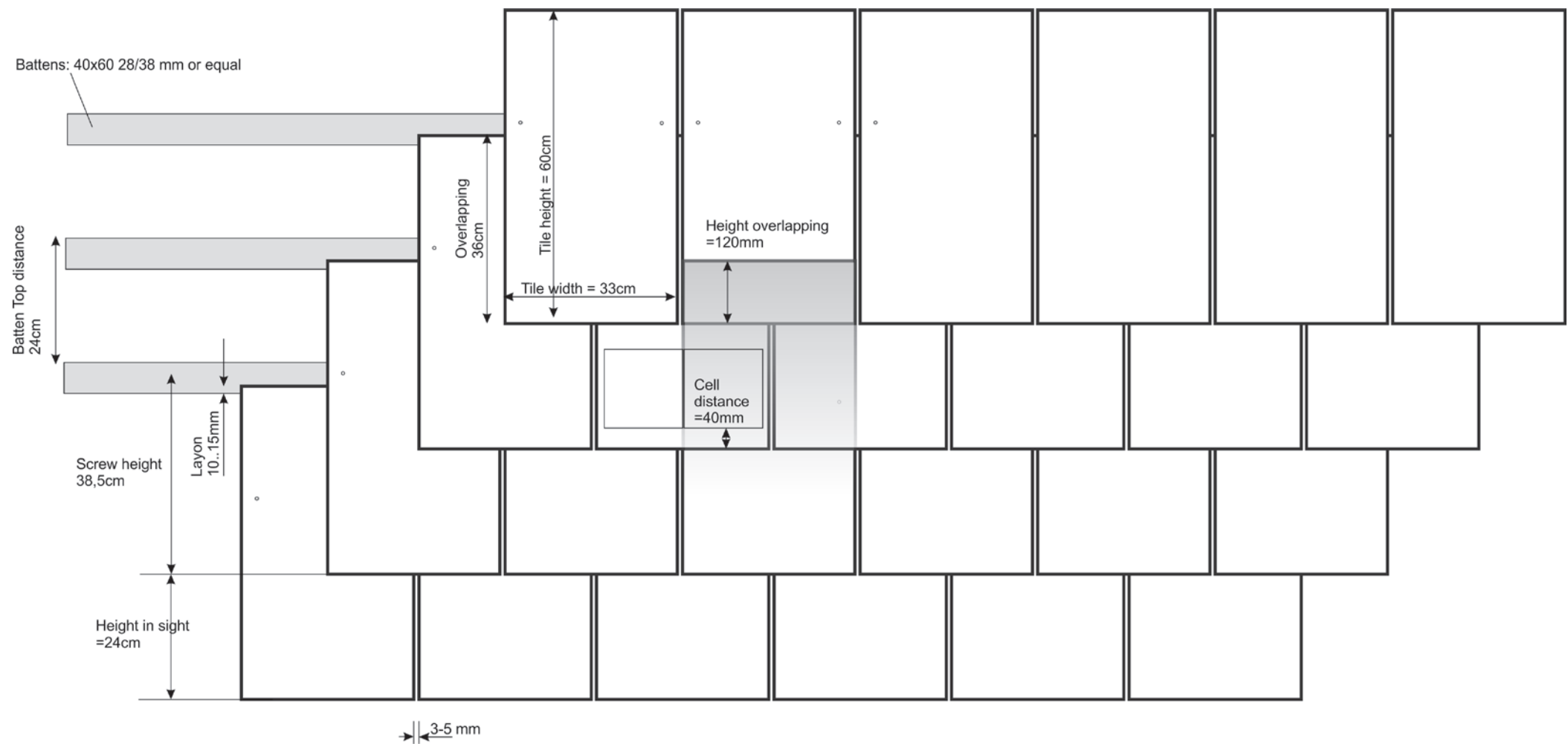
Amount per m²:17.83 tiles/ m²
Power (Anthracite): 175.8 Wp/m², incl. max. LLE: 210.96 Wp/m²
Power (Eco):160.47 Wp/m², incl. max. LLE: 192.56 Wp/m²
Power (Tile Red):151.56 Wp/m², incl. max. LLE: 181.87 Wp/m²
Power (Grey crystal shades):142.64 Wp/m², incl. max. LLE: 171.17 Wp/m²

Power Infinity XS

Amount per m²:9.13 tiles/ m²
Power (Anthracite): 180.04 Wp/m², incl. max. LLE: 216.05 Wp/m²
Power (Eco):164.34 Wp/m², incl. max. LLE: 197.21 Wp/m²
Power (Tile Red):155.21 Wp/m², incl. max. LLE: 186.25 Wp/m²
Power (Grey crystal shades):146.08 Wp/m², incl. max. LLE: 175.30 Wp/m²

SolteQ-Infinity solar tiles 420x33mm - Pattern

100% rainproof because of double overlap



Nominal roof slope 25 °
Minimum roof slope 15 °
Installation with Clamb hooks

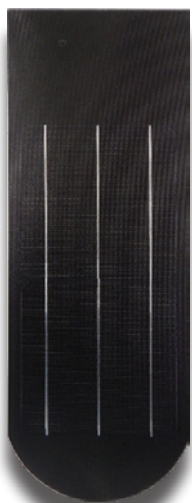


Solar with aesthetics - SolteQ.



BIBER-500

The classic beaver tail 500x180mm
Biber500 with high area performance



SolteQ-Biber Anthracite



SolteQ-Biber Anthracite-Plus



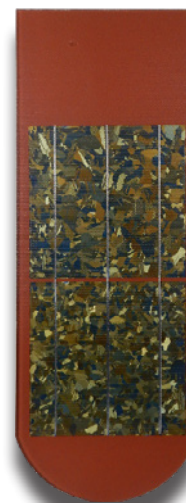
SolteQ-Biber Tile red



SolteQ-Biber Toscana



SolteQ-Biber Tile red/Violett



SolteQ-Biber Tile red/Camouflage

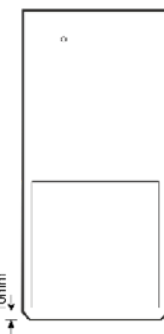
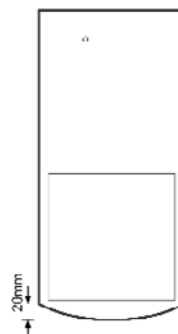
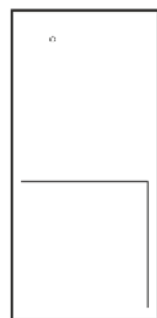
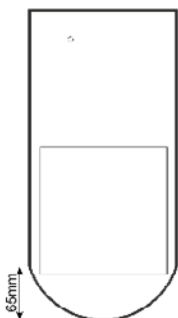


SolteQ-Biber Silver grey



SolteQ-Biber Stone grey

cut variants



Technical Data

Cells: monocrystalline
Color: anthracite
Efficiency: approx. 20.2%
Product warranty: 5 years
Performance guarantee: 40 years
with 80% of the installed capacity
Rain safety guarantee: 50 years

LLE = LowLightEffect, Values are indicated values

Optionally, all variants are also available as a plus version with the same performance.

Power Biber500

Amount per m²: 12.63 pcs.
Power incl. LLE: Anthracite: 166Wp/m²
ECO: 152Wp/m²
Tile red/Red shades/Green: 143Wp/m²
Grey shades: 135Wp/m²

BIBER -460 Real double cover in classic style

Plain tail tiles in classic double coverage, without gasket



*Biber 18x7" Anthracite
as double coverage*



*Biber 18x7" Anthracite-Plus
as double coverage*

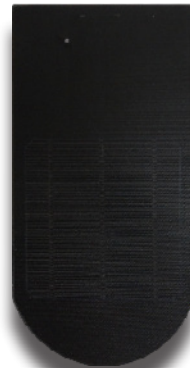
Power Biber460-DD

Amount per m²: 27,25 pcs.
Power incl. LLE: Anthracite: 162Wp/m²
ECO: 148Wp/m²
Tile red/Red shades/Green: 140Wp/m²
Grey shades: 132Wp/m²

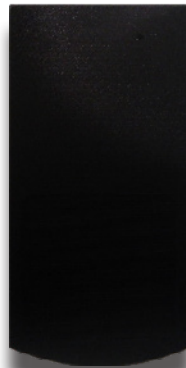
BIBER -380 Church biber Historic biber



*Biber380-Anthracite
in Round cut
15x7"*



*Biber380-Anthracite-Plus
in Round cut
15x7"*



*Biber380-Anthracite-Black-Plus
in Segment cut
15x7"*

Power Biber380

Amount per m²: 20,83 pcs.
Power incl. LLE: Anthracite: 124Wp/m²
ECO: 112Wp/m²
Tile red/Red shades/Green: 107Wp/m²
Grey shades: 102Wp/m²



Uninterruptible power supply

... always on POWER



A solar roof only really makes sense with a battery power storage system. During the day, the electricity generated by the solar roof can be used directly. However, if you want to use self-generated electricity in the evening, this must be generated and stored during the day. The solar roof must be sufficiently dimensioned for this. Then you can also use solar power when the sun has already set.

A battery storage system has another advantage: Net grid independence. Power failures are no longer a problem at all. If the solar roof is sufficiently dimensioned, no more electricity is drawn from the grid anyway, the surplus is even fed into the grid. If the mains voltage fails, you don't even notice it anymore.

Power failure? No matter !

The SolteQ Old Town package

Consisting of 6 different beaver brick variants: Segment cut, Radiant cut, rectangular cut, each in the shades of gray and slate gray.

SolteQ is also committed to monument protection and is constantly developing customized solutions for historic buildings. Deliverable covers such.

Old German cover in a bow or universal cut, various beaver tail variants, u.a. also the castle or church tower beaver, slate replacement shingles u.v.m. It always tries to get as close to the original as possible. If you have a project, just ask.

We are the monument solar specialists - SolteQ.

Power Old Town Package

Amount per m²: 27,25 pcs.

Power incl. LLE: Anthracite: 162Wp/m²

ECO: 148Wp/m²

Tile red/Red shades/Green: 140Wp/m²

Grey shades: 132Wp/m²

Stormsafe Roof - maximum safety

The SolteQ solar roof protects your home against wind and weather. It is storm proof for wind speeds up to 250 mph.

Electricity - Maximum Power Generation

Use your existing roof surface!

The SolteQ solar roof generates up to 36% more energy than conventional photovoltaic systems.

Electricity to meet all your household requirements, car, garden, pool, sauna, boat and much more.

... and above all: absolutely clean and without CO2 emissions!

Fire prevention

The SolteQ Safety Power Shutdown protects firefighters in case of fire, protects the service men for maintenance and is a shield to protect the house from external fire.

Heating

Additional use as a solar thermal area (Option)

In addition to generating electricity, the "large black area" is used as a solar thermal area. The warm air under the roof tiles is removed and heat generated by a heat pump, which can cover the entire energy needs for heating and hot water.

Never again oil or gas - heating for free!

... and above all: absolutely clean and without CO2 emissions!

Snow defrost function

By means of an electric heater, heated air is blown into the roof via the ridge pipe. This leads i.d.R. The snow melts and the roof becomes free of snow so that the integrated cells can produce electricity again. A power storage is recommended, so that the defrost function can be operated with previously self-produced electricity. Thus, this function is absolutely energy-neutral.

Active-Roof-Cooling

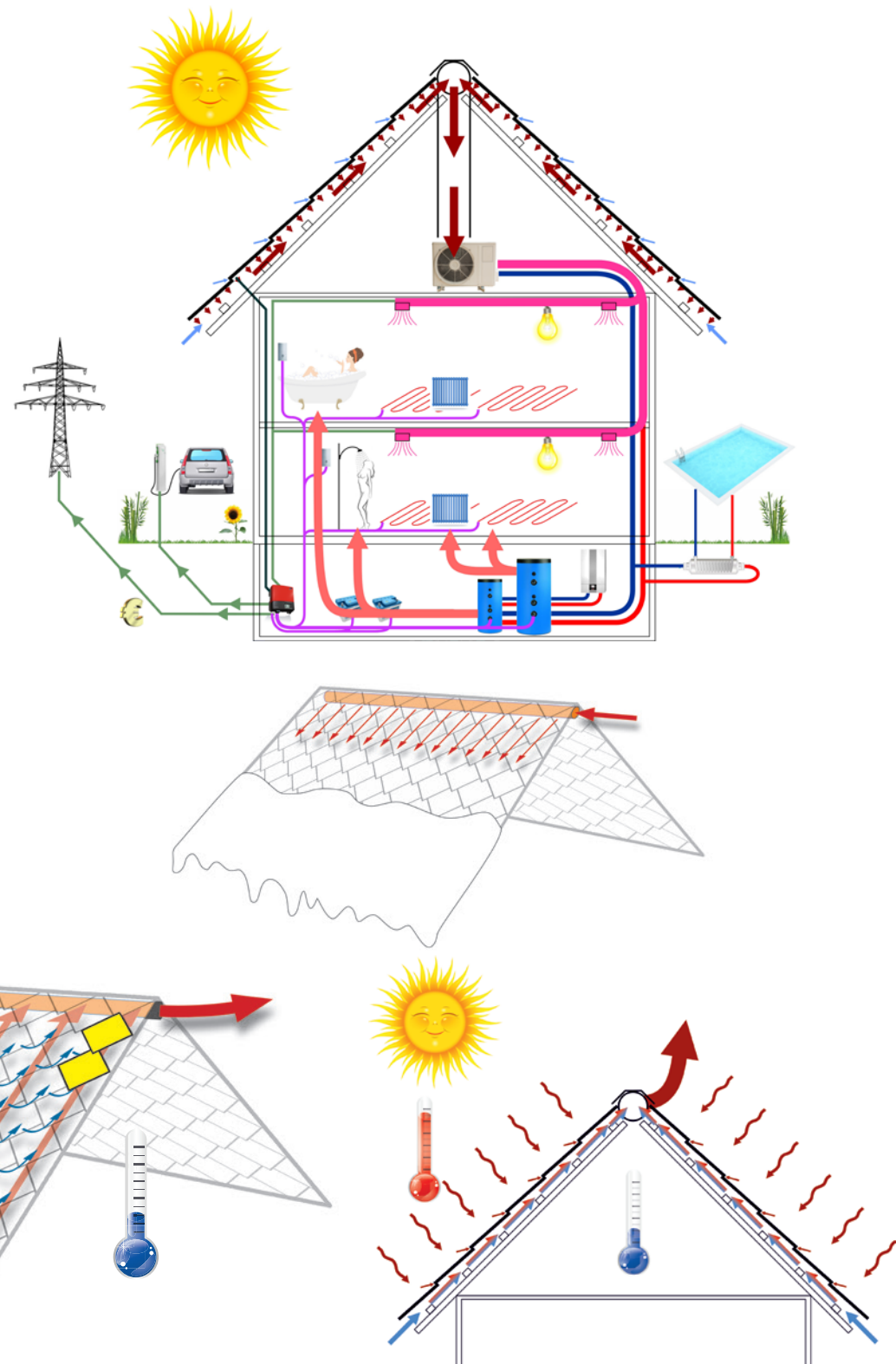
Active ventilation cools the house!

(Option)

By actively extracting the air heated by the solar energy in the space between the roof, the attic always remains pleasantly cool. This reduces the need for air conditioning and therefore also saves energy. A fan draws in the air via a ridge pipe in combination with the special ventilation function of the SolteQ Solar Roof Tiles and simply routes the air to atmosphere.

Like a parasol for your house.

Simply cool.



Fill your tank with the power of the sun



**ZERO
FUEL
COSTS**

We make you up to 100% self sufficient



Guarantees

... there you can be sure!



Up to 20 years

Product warranty guarantee

SolteQ gives a 5-year warranty on the product, which can be extended by up to 20 years for an additional cost.



40 years

Performance Warranty

SolteQ warrants the performance of the tiles on the basis that their output in 40 years' time will still be 80% of their output today.

Smart advice
from the
specialist !



80 years lifespan and more

Here at SolteQ we use only carefully selected, top quality materials in the production of our roof tiles. We use high-quality glass, silicon, and premium PV cells which ensure we have a product that can withstand the test of time, does not deteriorate and is resistant to harsh environment's extreme temperature changes for the lifetime of the product. The SolteQ Energy Roof is best roof money can buy.



30 years

Spare Parts Guarantee

SolteQ guarantees to support your roof purchase by ensuring that replacement parts will be available for at least 30 years from the date of purchase.



20 years warranty

on the sealing rubbers

Some product variants have sealing rubbers for waterproofing and to absorb mechanical movements and shock loadings. SolteQ provides a 20-year warranty on the sealing function of rubber seals.



50 years

Rain proof Guarantee

We guarantee that our roofs will be rainproof for 50 years, provided that no mechanical damage has taken place. In reality the rain protection and durability of our roofs will be well in excess of 50 years. The glass we use is very high quality, low in iron oxide, low in oxygen, does not absorb moisture and is therefore frost-proof. The glass is also toughened to ensure that our roofs are both strong and robust for the lifetime of the product.

Visit our website and get more information
or download our main catalog here:
> www.solteq.eu/SolteQ-Catalog-Solarroofs.pdf <



Approved by:



+ Made in Germany

Technical changes and errors are subject to change.
Specifications and performance values are indications.

A roof - hard as steel

Resists all weather conditions and is more stormproof than a normal roof
... like a protective shield for your house



STORMSAFE

SolteQ

*Picture: Quad40 premium anthracite on historic building,
with partial occupancy with active and passive elements*

Glass is of course not as steel, but SolteQ-Glass is a very hardened Material and forms a very strong protection for your house. Much stronger than a normal roof material.



0% CO₂
0.00 fuel costs
100% clean environment

THIS
is climate protection !

Get to know more about the wonderfull world of SolteQ SolarRoofs.

contact us: info@SOLTEQ.eu

Request the free SolteQ Catalog brochure or download it from

www.DasSolardach.eu + www.NicesolarRoofs.com + www.SOLTEQ.eu

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