SOLARGREENROOF

Date: 12/7-21

General information about the project:

Company:	Svenska Naturtak		
Contact person:	Mikael Blihagen	Telephone:	
Street:		Mobile:	
Postcode / Town:		E-mail:	mikael@svenskanaturtak
Project name:	Rosendals skola		
Street:			
Postcode / Town:	Uppsala 75220	**Optigrün Object No.:**	

Technical details of the project:

Terrain category

Terrain category I

Plain countryside without obstacles

☐

Terrain category II

Countryside with hedges, individual Farms, houses or trees e.g. farm area

☑

Terrain category III

Suburbs, business parks, industrial estates or forests

☐

Terrain category IV

Metropolitan area; 15% of the surface are developed; the average height of the houses exceeds 15 metres

☐

Special exposed location (e.g. free-standing building on a hill, ridge) ☑ yes ☑ no

Optigrün international AG

Am Birkenstock 15 – 19, 72505 Krauchenwies-Göggingen, Germany
Phone +49 7576 772-0, info@optigruen.de

AWTF.008 – Checkliste Solargründach Stand 25.01.2019

Technical data for the roof surface / partial surface :

Building

☑ enclose structure ☐ completely open structure ☐ open at the side

Inverted roof

☑ yes* ☐ no

Fixed waterproofing membrane

☑ yes ☐ no ☐ partially

* please enclose the required loads to secure the position of the insulation/waterproofing membrane in accordance with the static calculation (insulation manufacturer/roofer) in plan form.

Static

Max. distributed load of the green roofing: 120 kg/m²

Geometry

Length: m Width: m Building height to top edge attic: 14,5-17m m

Minimum height of the attic above top edge waterproofing/insulation: m Roof pitch: degree 1,4 %

Requested Optigrün Green Roof Build-up:

Build-up / System solution

☑ Multi-layer extensive (e.g. Economy/ Nature Roof)	25	mm drainage		mm substrate
☐ Multi-layer intensive (e.g. Garden Roof)		mm drainage		mm substrate
☐ Retention roof with water-retention box		mm WRB		mm substrate
☐ Gravel roof		mm gravel		grain size
☐ Peak drainage coefficient to be achieved (e.g. 0.3)			C_s =	

Technical information about the photovoltaic module:

Module type (please attach data sheet)

Manufacturer: N-Peak Module type: Black REC320NP

Maximum module power (P_{max}): 320 W Module weight: 19 kg/piece

Length: 1675 mm Width: 997 mm Height: 30 mm

AWTF.008 – Checkliste Solargründach Stand 25.01.2019

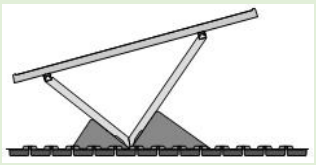
Optigrün international AG

Am Birkenstock 15 – 19, 72505 Krauchenwies-Göggingen, Germany
Phone +49 7576 772-0, info@optigruen.de

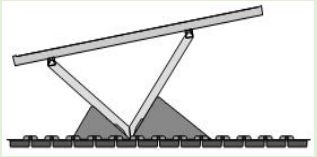
Requested Optigrün SOLARGREENROOF:

Module incline

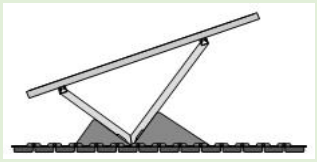
☑ 15° Module incline (standard) = Solarbase 15 (standard solution, cost-effective)



☐ 10° Module incline = Solarbase 10 (custom-made product)



☐ 20° Module incline = Solarbase 20 (custom-made product)

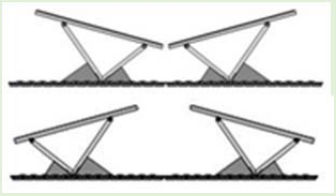


Requested Optigrün- SOLARGREENROOF:

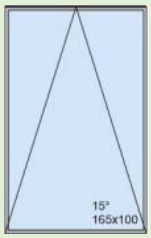
Module incline

Alignment: ☐ South

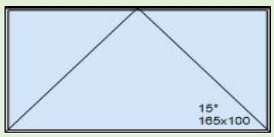
☐ East-west



Layout/set-up: ☐ Portrait



☑ Landscape



Detailed planning documents are essential for a binding execution planning.

We also require the following planning documents:
1. Adjusted top view of the roof with measurements
2. Cross sections of the building
3. Possible planned module layout (if available)

Please send the necessary data in digital from (if possible dwg or vwx) together with the completed checklist to the following e-mail address:

solar@optigruen.de

Note:
An initial consultation by the Optigrün-Application Technology is free of charge for you.
For other versions or modifications Optigrün will invoice 250 €.

Optigrün international AG
Am Birkenstock 15 – 19, 72505 Krauchenwies-Göggingen, Germany
Phone +49 7576 772-0, info@optigruen.de

AWTF.008 – Checkliste Solargründach Stand 25.01.2019