

# WIND SUCTION AND WIND DRIFT PROTECTION

General information about the project:

Date:

Company:

Contact person:  Telephone:

Street:  Mobile:

Postcode / Town:  E-mail:

Project name:

Street:

Postcode / Town:  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 meters

AWTF.006. CHECKLIST

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:  kg/m<sup>2</sup>

**Geometry**

Length:  m

Width:  m

Building height to top edge attic:  m

Minimum height of the attic above top edge waterproofing/insulation:  m

Roof pitch:  %  degree

**Requested Optigrün Green Roof Build-up:**

**Build-up / System solution**

- Multi-layer extensive (e.g. Economy/ Nature Roof)  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)  $C_s =$

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

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

[windsog@optigruen.de](mailto:windsog@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 €.

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