WIND LOAD CALCULATION
Datasheet according to:

○ Euro code (EC): EN 1991-1-4:2005 (DIN EN 1991-1-4/NA:2010-12)

○ _____

Contact Info:

Last name: _____ First name: _____

Company: _____

Street: _____

Postcode: _____ City: _____

Country: _____

Phone: _____ Fax: _____

E-mail: _____

Building object:

Building owner: _____

Building project: _____

Street: _____

Postcode: _____ City: _____

Country: _____

New building: ○ Rennovation: ○

Partial area: ○ Extension: ○

Building properties:

Fully sized plans/sketches attached: yes: ○ no: ○

Length: _____ Width: _____ Height: _____ Roof angle: _____ °

Roof type: _____ Interior drainage: ○ Exterior drainage: ○

Parapet height: _____ m

(*Please note: When quoting the parapet height, please provide the minimum value between the surface of the covering and the top edge of the parapet.)

Building location*:

Terrain category: _____

Or mixed profile: I/II ○ II/III ○

Wind zone: _____

Building structure *:

- ○ Enclosed building
  (amount of open external walls <1% and distributed approximately equally)
- ○ Open area of at least one outer wall ≥ 1% and ≤ 30%
- ○ Open building
  (opening areas of min. one outer wall> 30%; sketch with position of openings is enclosed)

**Please refer to the information provided in the supplementary document "Terrain Categories".*

Membrane: ○ KÖSTER TPO 1,6 ○ KÖSTER TPO 1,8 ○ KÖSTER TPO 2,0
○ KÖSTER TPO 1,6 F ○ KÖSTER TPO 1,8 F ○ KÖSTER TPO 2,0 F
○ KÖSTER ECB 2,0 ○ KÖSTER ECB 2,0 F

Insulation: ○ Polystyrene ○ Mineral fiber ○ PUR/PIR
○ Lamination ○ Type: ____

Installation: ○ 1 ply ○ Multi-layer ○ Other

Mechanically fastened:

Substructure/backing:

○ Concrete ○ Aerated concrete

○ Engineered wood Type: ____ Thickness: ____ mm

○ Trapezoidal steel Type: ____ Brand: ____

Sheet thickness: ____ mm Rib spacing: ____ mm Width upper rib: ____ mm

○ Other: ____

Fastener: Manufacturer: ____ Type: ____

Adhesive: ○ Strip adhesion ○ Full surface adhesion

Adehsive: ____ Manufacturer: ____

Laying with ballast:

○ Gravel ○ Green roof ○ Other: ____

Layer thickness: ____ mm Weight: ____ kg/m² (dry amount for green roof)

Further information:

____

____

____

City and date *Signature*

According to EN 1991-1-4:2005 (DIN EN 1991-1-4/NA:2010-12)
this form must be fully completed in order to issue a wind load calculation.
The data provided is the basis for the calculation.
Kindly fill out, sign, and return this form to the KÖSTER Bauchemie AG:
per E-Mail: info@koester.eu per FAX: +49 (0) 4941 970 9571