

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: Renovation:

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 $\geq 1\%$ and $\leq 30\%$
- 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 2.0 KÖSTER ECB 2.0 F KÖSTER ECB 2.0 F
 KÖSTER TPO 1.5 SK (FR)

- 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
Adhesive: 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