EuroTec calculation service

Facada insulation* in accordance with DIN ETA 1995:2010-12

Eurotec®
The specialist for fastening technology

*Calculation for fastening counter battening to support the wind load and dead weight. The screws do not serve to secure the insulation itself. The screws must be enclosed on all sides with and insulation (no spacing permittet between counter battening and insulation).

by phone 02331 6245-444 · by fax 02331 6245-200 · by e-mail technik@eurotec.team

Please contact our technical department or use the free calculation services in the service section of our website: https://www.eurotec.team/en/service

Contact

Trader: _____

Contact Person: _____

e-mail: _____

Project: _____

Concrator: _____

Contact Person: _____

Phone: _____

e-mail: _____

Project details

☐ Flat roof ☐ Lean-to roof ☐ Gable roof

Eave lenght: _____ m

Gable wigth: _____ m

Ridge height: _____ m
(above site)

Roof pitch: _____ °

Insulation: _____

Insulation thickness: _____ mm

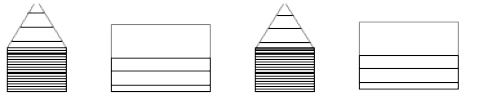
Post width: _____ mm

Post depth: _____ mm

Post spacing: _____ mm

Intermediate layer: _____ mm
(potential layer between posts and insulation, e.g. boarding)

Relevant walls:



Gable 1	Eaves Side 1	Gable 2	Eaves Side 2
☐	☐	☐	☐

Counter batten width: _____ mm
(min. 60 mm)

Counter batten height: _____ mm
(min. 40 mm)

Counter batten length: _____ m
(length of actually installed counter-batten pieces)

Load from facade and lathework

☐ 24 mm timber boarding 0,25 kN/m²

☐ Fibre cement on 24 mm boarding 0,50 kN/m²
(double coberage)

☐ Slate on 24 mm boarding 0,60 kN/m²
(double coberage)

or _____ kN/m²

Post code of project: _____
(for determining the wind zone)

Ground level elevation above seg level: _____ m
(important for communities with strong relief)

Screw selection

☐ Paneltwistec countersunk-head screw** ☐ Paneltwistec flanged button-head screw** ☐ Topduo TK*** ☐ Topduo ZK***

**only for pressure-restistant insulating materials with compressive strenght ≥ 50 kPa ***also for non-pressure-restistant insualting materials

Reference: information on the processing of your personal data can be found at the following link:
https://www.eurotec.team/en/data-protection