

* 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 timber and insulation (no spacing permitted between counter battening and insulation).


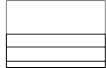

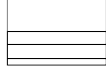
by phone 02331 6245-444 · by fax 02331 6245-200 · by e-mail technik@eurotec.team

Please contact our technical department or use the free [calculation services](#) in the service section of our website.

Contact

Trader:	_____	Concrator:	_____
Contact Person:	_____	Contact Person:	_____
e-mail:	_____	Phone:	_____
Project:	_____	e-mail:	_____

Project details

<input type="checkbox"/> Flat roof	<input type="checkbox"/> Lean-to roof	<input type="checkbox"/> Gable roof	Relevant walls:
Eave length:	_____ m		   
Gable width:	_____ m		<input type="checkbox"/> Gable 1 <input type="checkbox"/> Eaves Side 1 <input type="checkbox"/> Gable 2 <input type="checkbox"/> Eaves Side 2
Ridge height: (above site)	_____ m		Counter batten width: _____ mm (min. 60 mm)
Roof pitch:	_____ °		Counter batten height: _____ mm (min. 40 mm)
Insulation:	_____		Counter batten length: _____ m (length of actually installed counter-batten pieces)
Insulation thickness:	_____ mm		Load from facade and lathework
Post width:	_____ mm		<input type="checkbox"/> 24 mm timber boarding 0,25 kN/m ²
Post depth:	_____ mm		<input type="checkbox"/> Fibre cement on 24 mm boarding (double coverage) 0,50 kN/m ²
Post spacing:	_____ mm		<input type="checkbox"/> Slate on 24 mm boarding (double coverage) 0,60 kN/m ²
Intermediate layer: (potential layer between posts and insulation, e.g. boarding)	_____ mm		or _____ kN/m ²
			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-resistant insulating materials with compressive strength ≥ 50 kPa ** also for non-pressure-resistant insulating materials