ENSTALL

Form for the design of roof structures

PROJECT DATA:

Address of the installation

Remarks

Total no. of modules:

Module size:

Long mm

Width mm

Thickness mm

Installation height: Meters

Roof slope: Grades

%

Installation zone

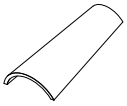
Urban zone ◯

Industrial zone ◯

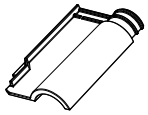
Rural zone ◯

Cosatal zone ◯

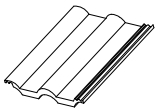
Type of tiled roof



Curved tile ◯

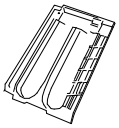


Mixed tile ◯



Concrete tile ◯

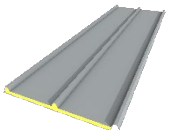
Plain tile ◯



French roof tile ◯

Slate ◯

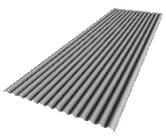
Type of metal sheet roof



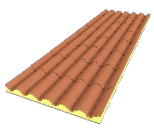
3 ribs sandwich ◯

5 ribs sandwich ◯

Trapezoidal ◯



Corrugated ◯



Imitation tile ◯

Standing seam ◯

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Type of building structure:

Concrete slab ○

Wooden beam ○

Purlins ○

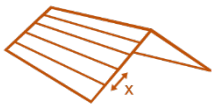
Concrete joists ○

Type of anchorage for tiled roof: ☐ Drilled in tile ☐ Roof hook

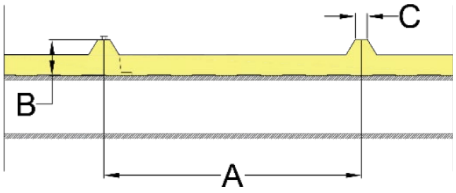
Type of anchorage for sheet metal roof : ☐ Purlins ☐ Sheet metal ○ Continuous rail

○ Micro-rail

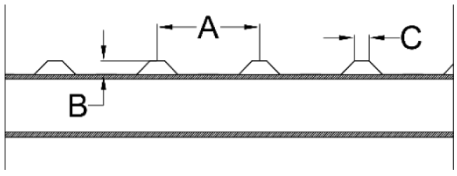
Distance between purlins (for wood and metal): mm



Sandwich sheet



Trapezoidal sheet

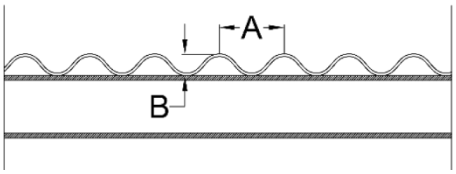


A – Distance between ribs mm

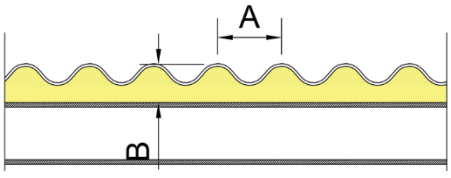
B – Rib height mm

C- Rib width mm

Corrugated sheet



Imitation tile sheet



A – Distance between waves mm

B – Wave height mm

(In the case of fibre cement, it is essential to attach a plan of existing anchor bolts

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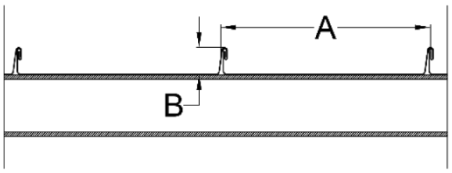
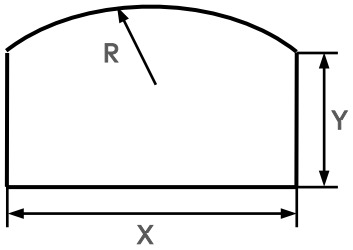
Standing seam sheet



A – Distance bewteen joints mm

B – Joint height mm

Curved roof



Y – Curved starting height m

X – Curve length m

R – Radius of curvature m

Design conditions (Loads):

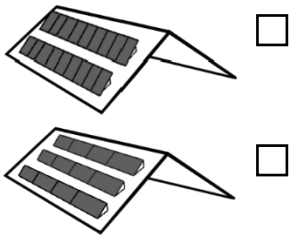
According to regulations ◯

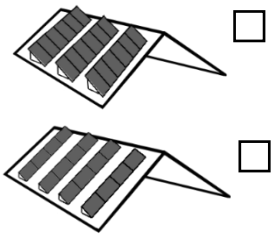
Others (S*pecify*) ◯

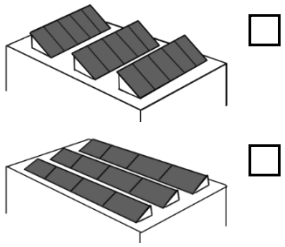
Wind speed	Km/h
Snow load	Kg/m²

Disposition:

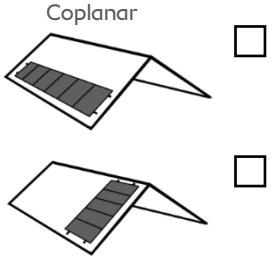
Pitched



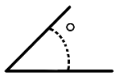




Coplanar



Structure inclination



☐ 15°

☐ 30°

☐ Other (*Option on minimum order*)

Material:

Raw ☐ Anodised ☐ Black lacquered ☐

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General information

- If the required conditions are not specified the study shall be carried out with the calculations and design conditions of the standard products, for other design conditions the customer shall provide all necessary information required by Enstall.
- Roof mounting requirements:
    - o Check the condition of the roof and its load-bearing capacity.
    - o The roof or deck surface must be clean and dry. Irregularities in the roof must be corrected or eliminated.
    - o To avoid wind turbulence, a minimum safety distance from roof edges and other obstructions (e.g. chimneys, vents, etc.), as specified in the wind coefficient sheet, must be maintained.
    - o Flat roofs with a pitch of more than 3° must be bolted, not lashed.
    - o All assembly instructions and product specifications provided by Enstall must be observed.
    - o Disassembly of the supports is carried out in reverse order to assembly.

Erase fields