EJOT Solar Fastenings Questionnaire

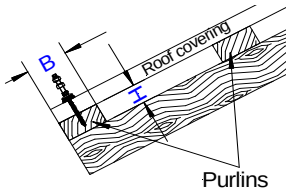
Project:

Substructure

☐ Steel — Thickness of steel substructure in inches:

Type: ☐ ☐ ☐ ☐

☐ Wood



Height of purlins H [inches]

Width of purlins B [inches]

Roof covering

☐ Fiber cement profile

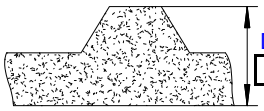
Profile height of the corrugated sheet in inches:

Profile 5 (2.283 inches) ☐

Profile 8 (1.417 inches) ☐

others

☐ Sandwich element



D [inches]

☐ Trapezoidal profile sheet

h [inches]

Producer + identification known?

Producer:

Identification:

If producer and identification unknown

- Crown distance in inches
- Clearance between wickets in inches
- Wicket width in inches
- Clearance between bottom booms in inches
- Bottom boom width in inches
- Angle in °
- Depth of section in inches

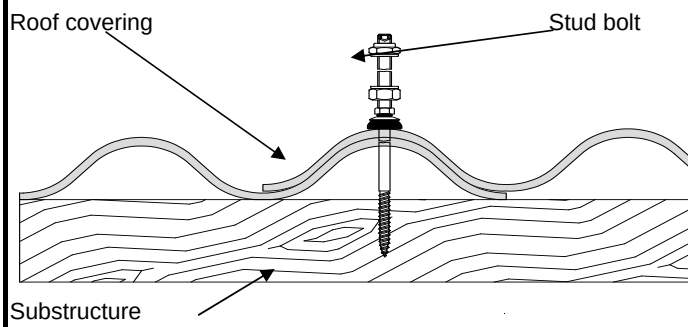
Stud bolt

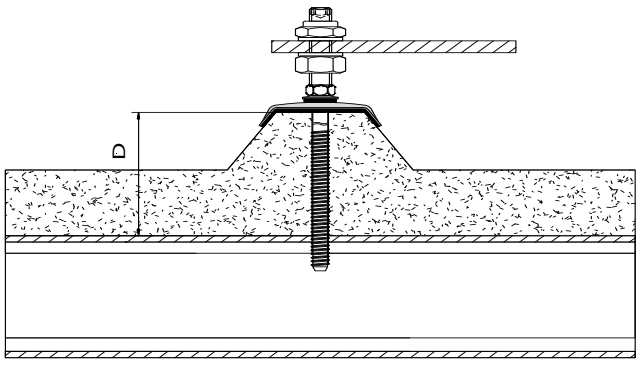
Length:

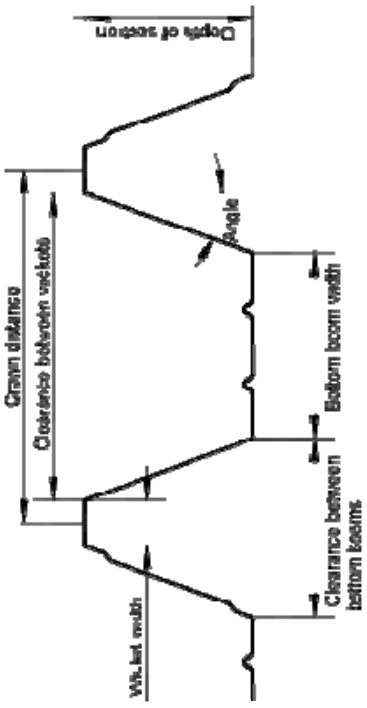
0.197 inches (50mm) (standard) ☐

0.276 inches (70 mm) ☐

different length in inches ☐







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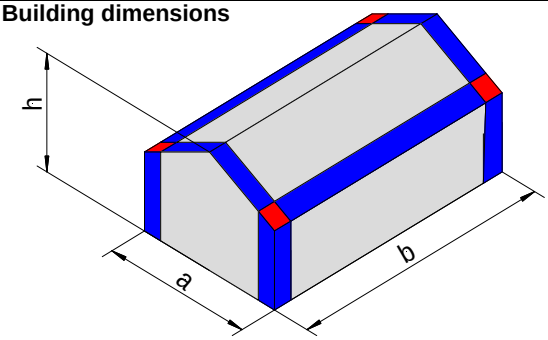
Building dimensions

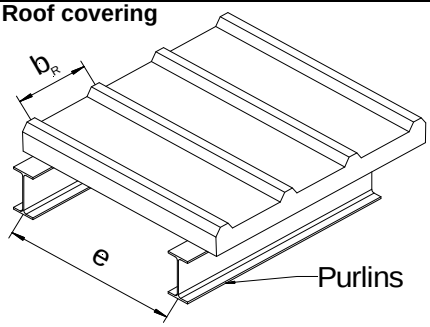


Width a [inches]	
Length b [inches]	
Height h [inches]	
Roof slope α	
Roof type	
Attic height [feet]	
Eaves radius [feet]	
Eaves slope [°]	

Type of building

Open building	☐
Exposed location	☐
Internal pressure	☐

Roof covering



Purlin spacing e [inches]	
Rib width $b_{R\ [inches]}$	
Element color (RAL)	

Thickness of face sheet (gauge, AWG)

Steel	29 ga (0,343 mm)	☐
	26 ga (0,455 mm)	☐
	24 ga (0,607 mm)	☐
	22 ga (0,759 mm)	☐
	20 ga (0,912 mm)	☐
	18 ga (1,214 mm)	☐
	other	
Aluminum	29 ga (0,287 mm)	☐
	26 ga (0,404 mm)	☐
	24 ga (0,511 mm)	☐
	22 ga (0,643 mm)	☐
	20 ga (0,813 mm)	☐
	18 ga (1,024 mm)	☐
	other	

Location of the building

Postal code	
City & state	
Wind load zone	
Terrain category	
Height above sea level [feet	
Snow load zone	

Modules

Weight of module + rail system [kN/square ft]	
Length of modules ML [feet]	
Width of modules MB [feet]	
Quantity of modules	
Distance between rows [feet]	
Angle of elevation (β)	

Miscellaneous information: