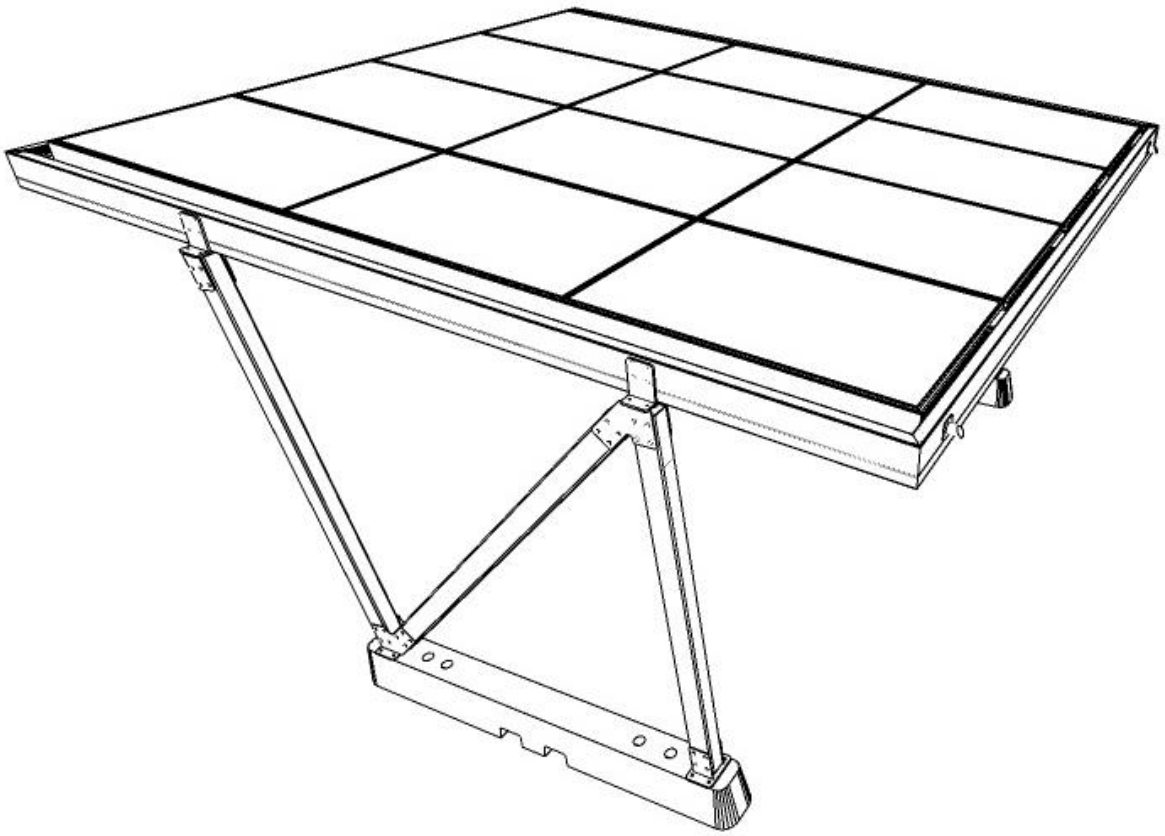


Ombrière G-box

Panneau MaviWatt®

(1950 x 1134 x 30)

Notice de montage

MaviWatt®

Outils

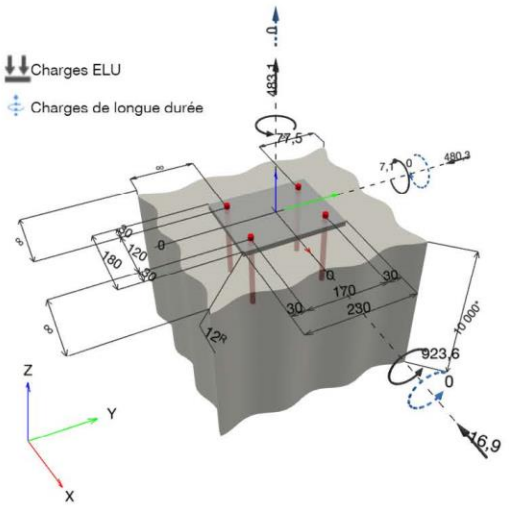
		
		
		

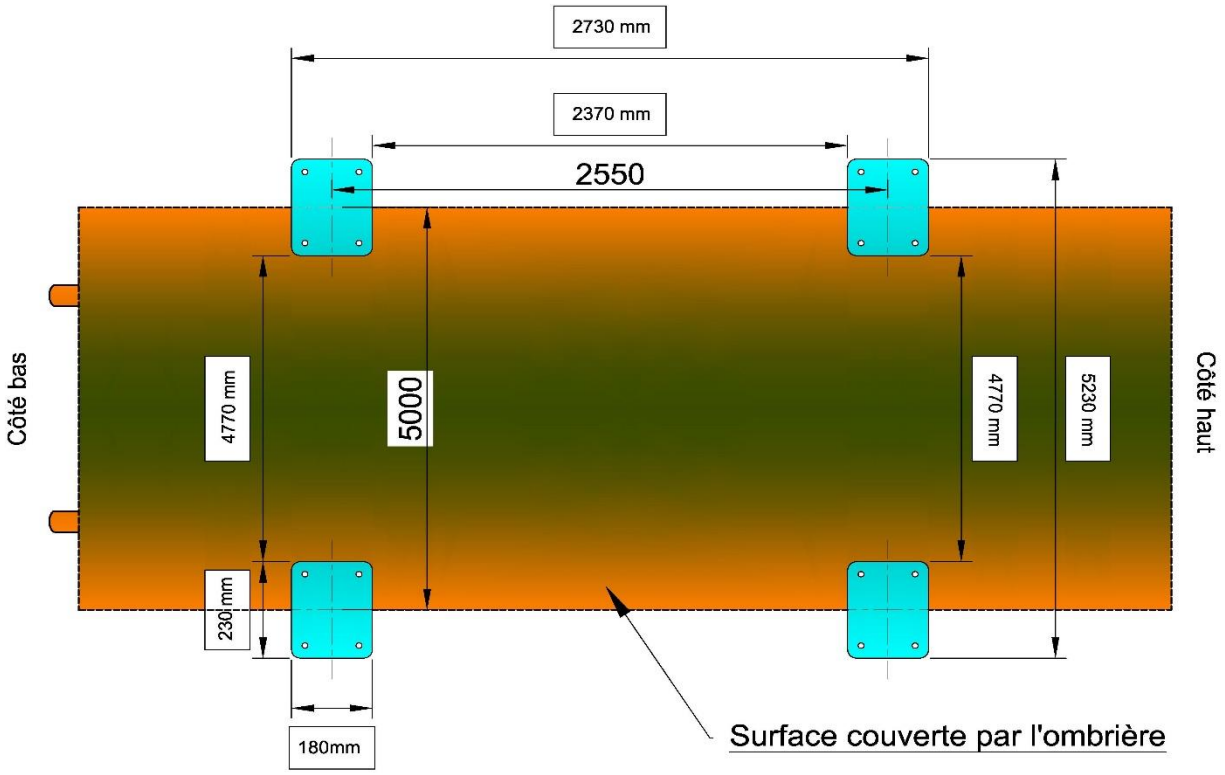
1 Données d'entrée

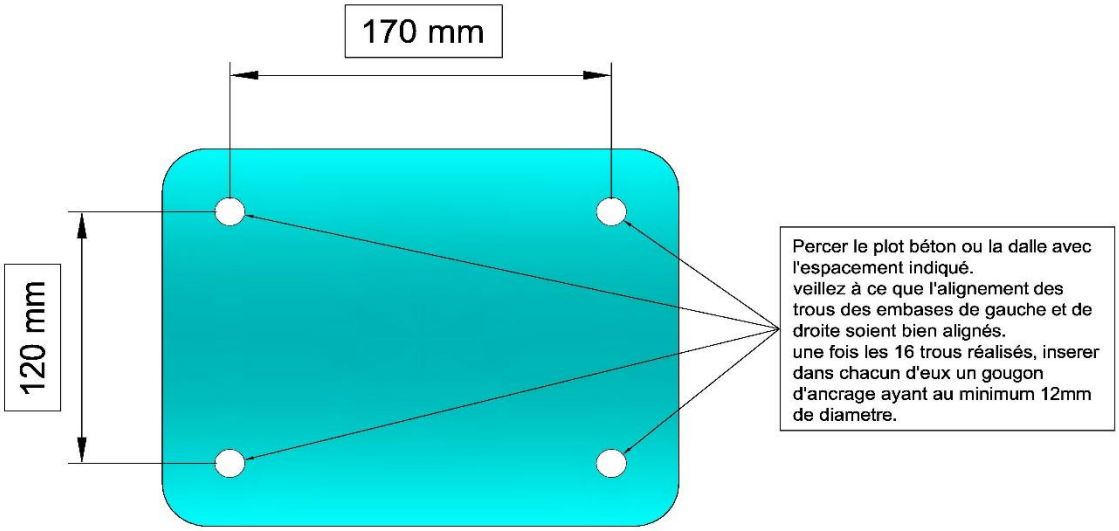
Type et diamètre de la cheville:	**HIT-HY 200-A V3 + HAS-U HCR M12**
Période de retour (durée de vie en années):	50
Code d'article:	indisponible (accessoire de pose) / 2378171 HIT-HY 200-A V3 (mortier)
Profondeur d'implantation effective:	$h_{ef,opti}$ = 159,0 mm ($h_{ef,limit}$ = 240,0 mm)
Matériau:	HCR
Homologation:	ETA 19/0601
Délivré I Validité:	02/06/2023 | -
Méthode de calcul:	Méthode de calcul EN 1992-4, Produits chimiques
Montage avec écartement:	e_b = 0,0 mm (sans écartement); t = 12,0 mm
Platine[R]:	l_x x l_y x t = 180,0 mm x 230,0 mm x 12,0 mm; (Epaisseur de platine recommandée: non calculé)
Profil:	pas de profil
Matériau de base:	Béton fissuré béton, C20/25, $f_{c,cyl}$ = 20,00 N/mm^2; h = 10 000,0 mm, Temp. court/long: 40/24 °C, Coefficient de sécurité matériel partiel personnalisé γ_c = 1,500
Installation:	**trou foré avec perforateur, condition d'installation: sec**
Renforcement:	Pas de renforcement ou distance entre armatures>= 150 mm (tous Ø) ou >= 100 mm (Ø <= 10 mm)
	Pas de renforcement de bord longitudinal

[R] - Le calcul de la cheville est réalisé avec l'hypothèse d'une platine rigide.

Géométrie [mm] & Charges [daN, daNm]



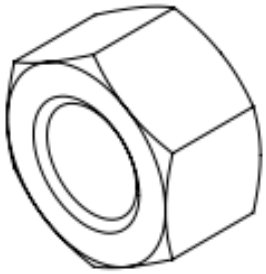




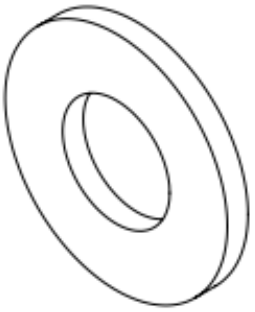
Contraintes montage

- **Sol de niveau ou fondation de niveau**
- **Tréteaux + lève-plaques réglables**
- **Plots de béton ou pieux**

Liste des pièces



Ecrous M12 x 64 M8 x 48



Rondelles M12 x 128 M8 x 48

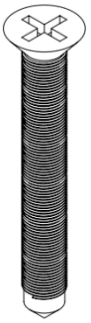
ST6,3 x 25 mm x 20

M8 x 30 mm x 44

M10 x 70 mm x 8

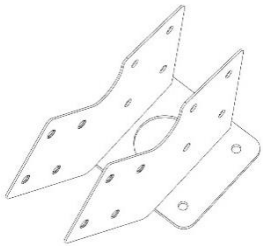
M12 x 60 mm x 16

M12 x 130 mm x 48

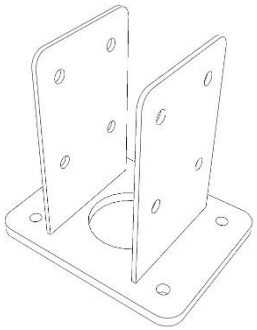


M8 X 16 mm X 48

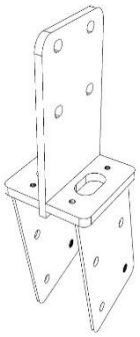
ST 2.9 x 13 mm x 32



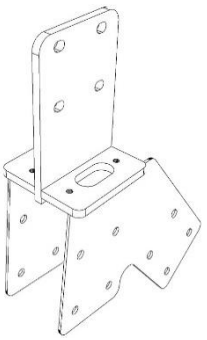
Tôle encastrement long x 2



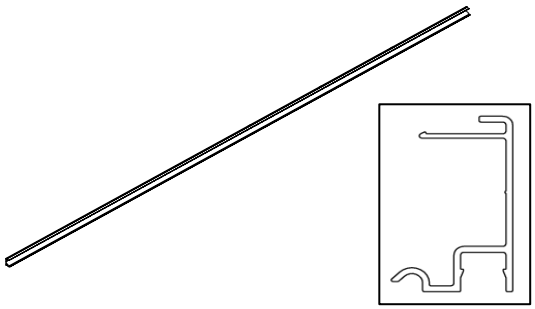
Tôle encastrement court x 2



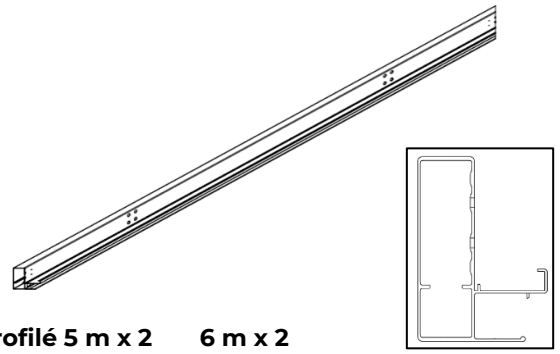
Encastrement haut poteau long x 2



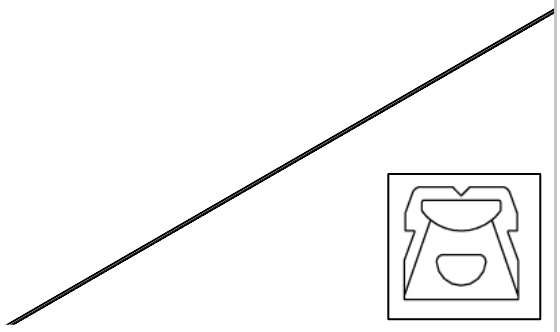
Encastrement haut poteau court x 2



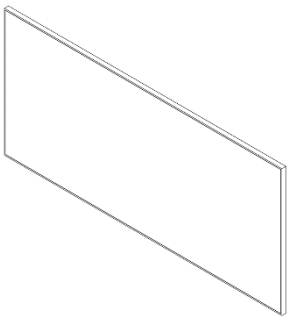
Capot technique 5,4 m x 2 **4,7 m x 2**



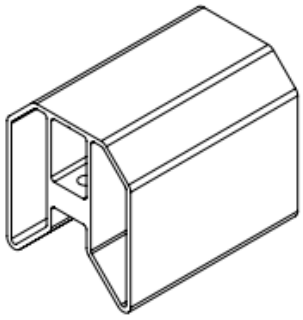
Profilé 5 m x 2 **6 m x 2**



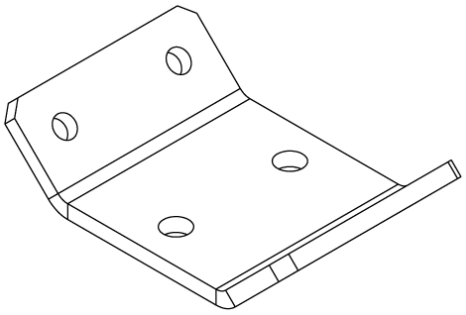
Bandeau LED 5,7 m x 2 **4,3 m x 2**



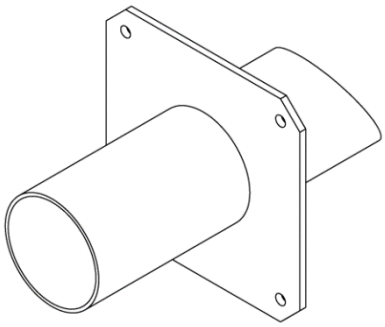
Panneaux x 12



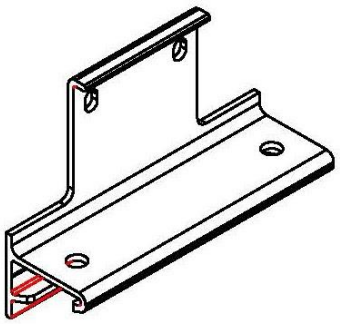
Profilé reprise angle x 4



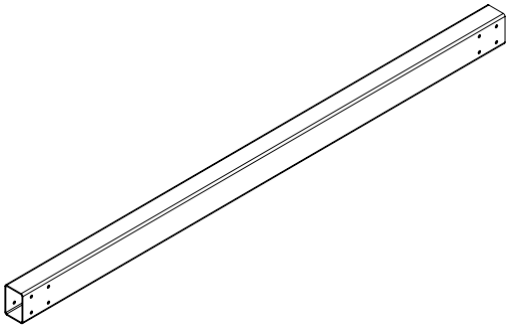
Tôle tendeuse x 4



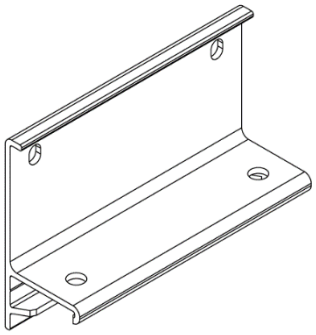
Sortie d’eau horizontale x 2



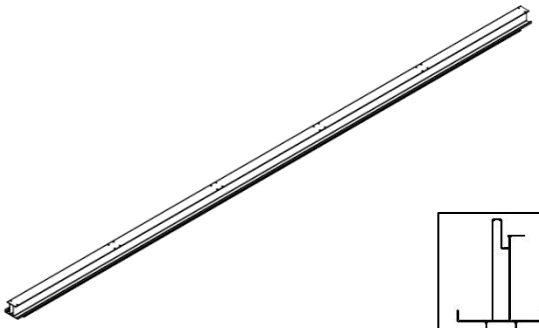
Equerre support profilé coté X 4

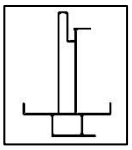


Poteaux 2,5 m x 2 2,8 m x 2 3,3 m x 2

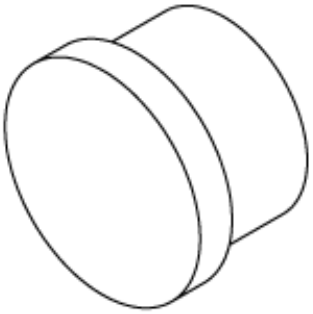


Equerre support profilé x 6

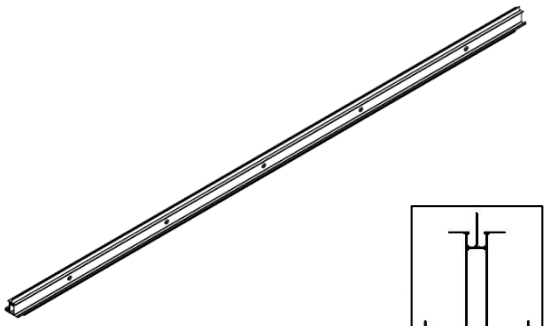


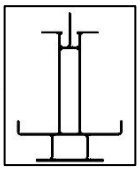


Profilé Support panneau coter x 2

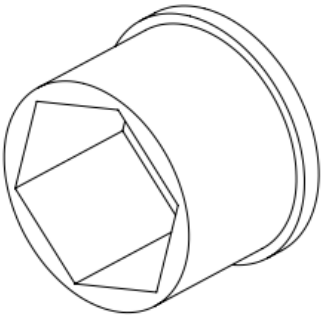


Embout à ailettes x 16

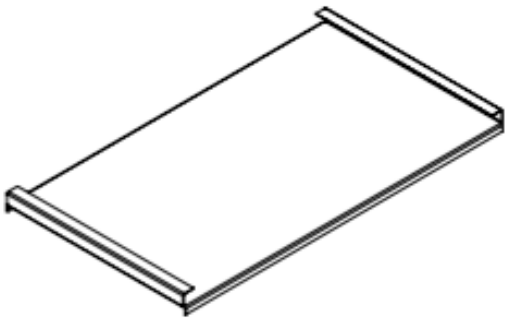




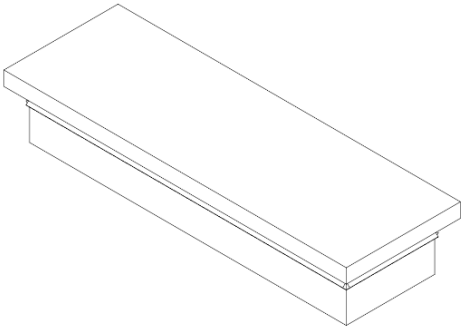
Profilé support panneau x 3



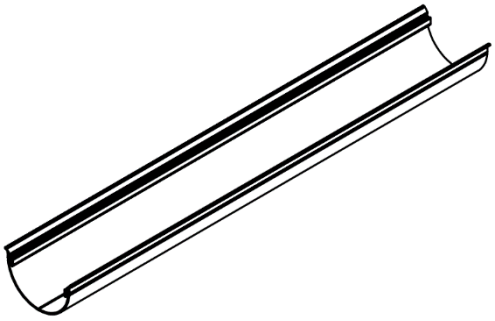
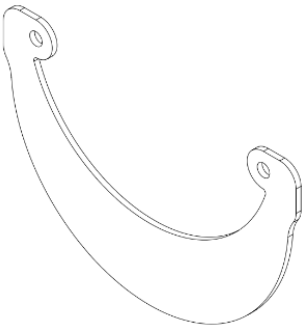
Bouchon x 128



Plaque onduleur x 2

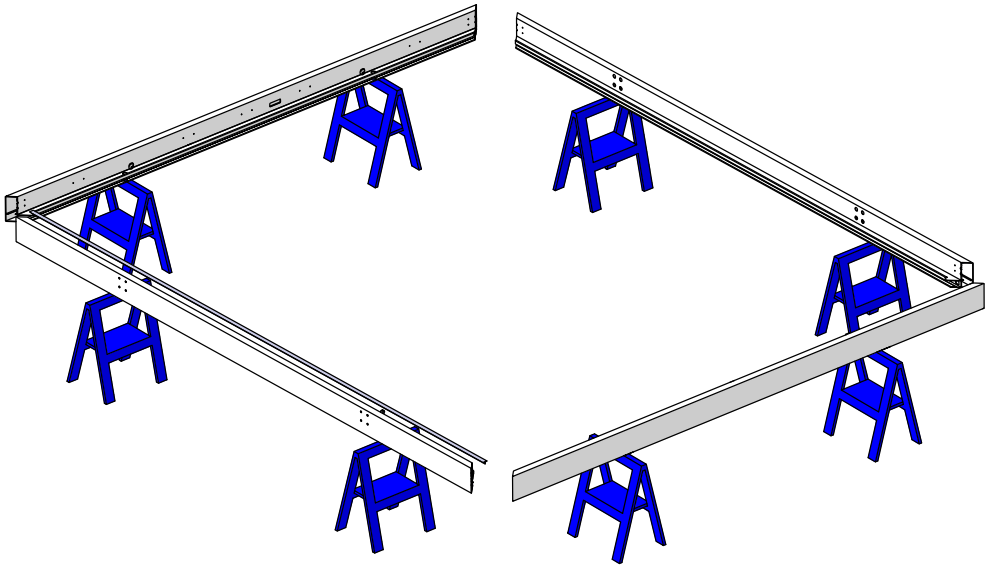


Embout rectangulaire x 2

	
Goulotte 1 m x 8	**Tôle évacuation goulotte x 16**

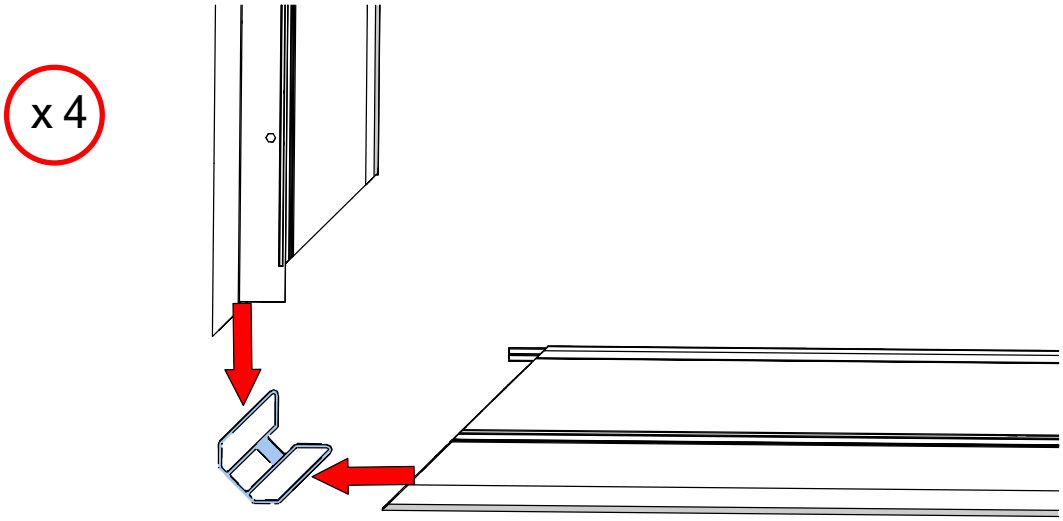
Montage cadre

1 Positionnement profilés

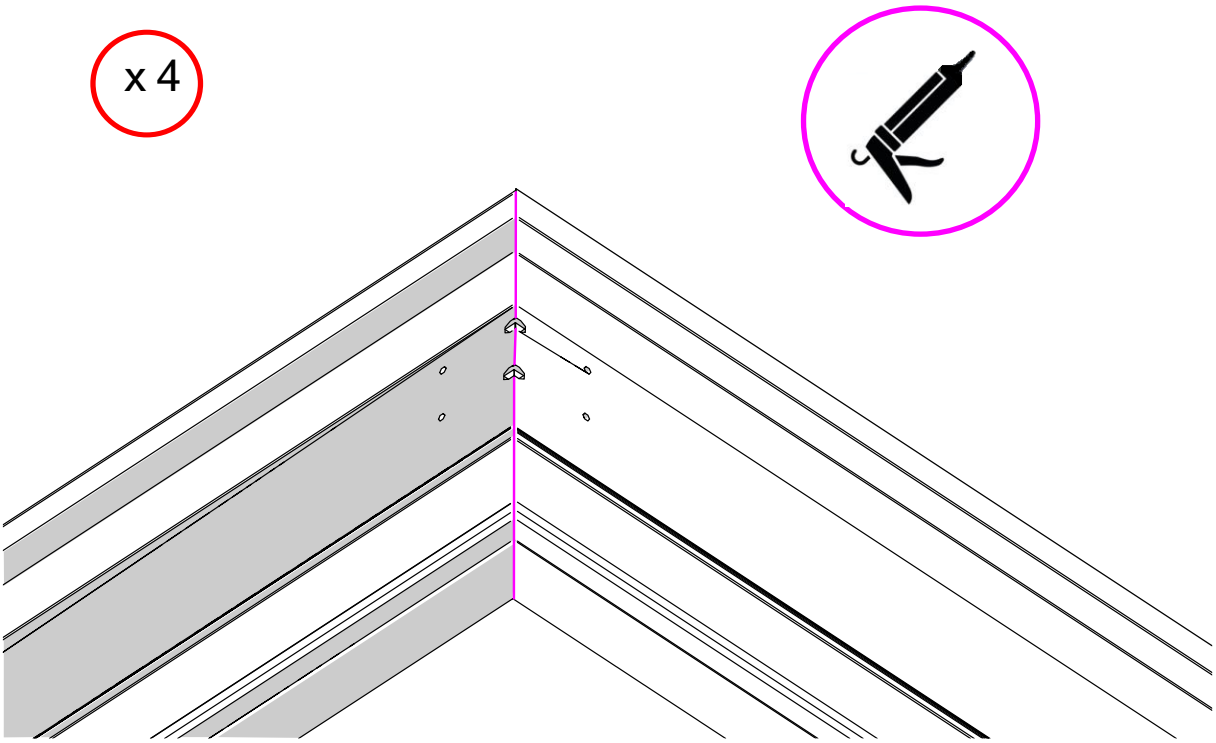


2 Insertion profilé reprise angle

2-1

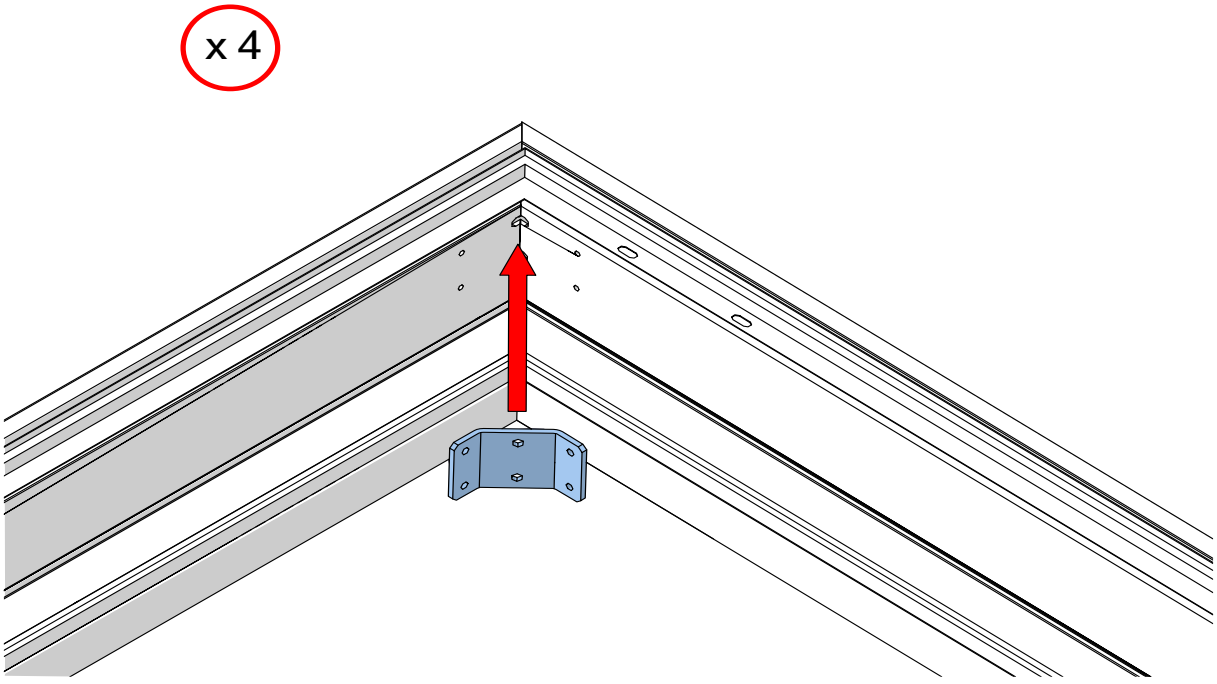


2-2

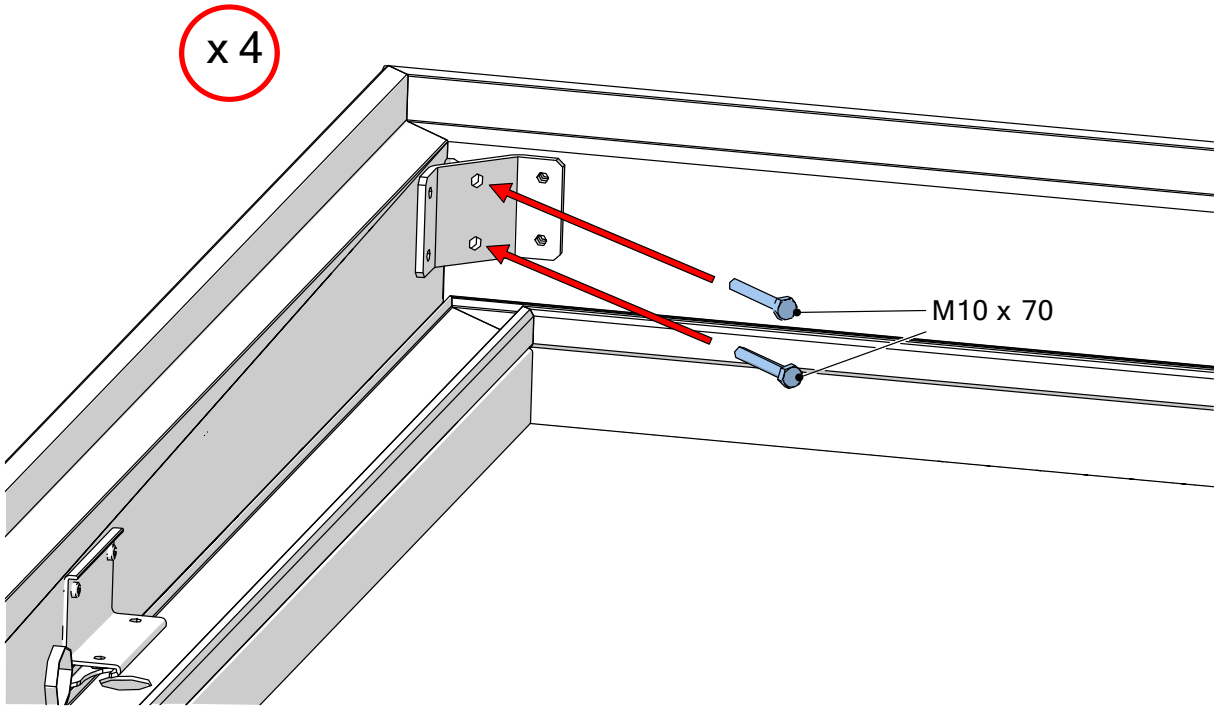


3 Montage tôle tendeuse

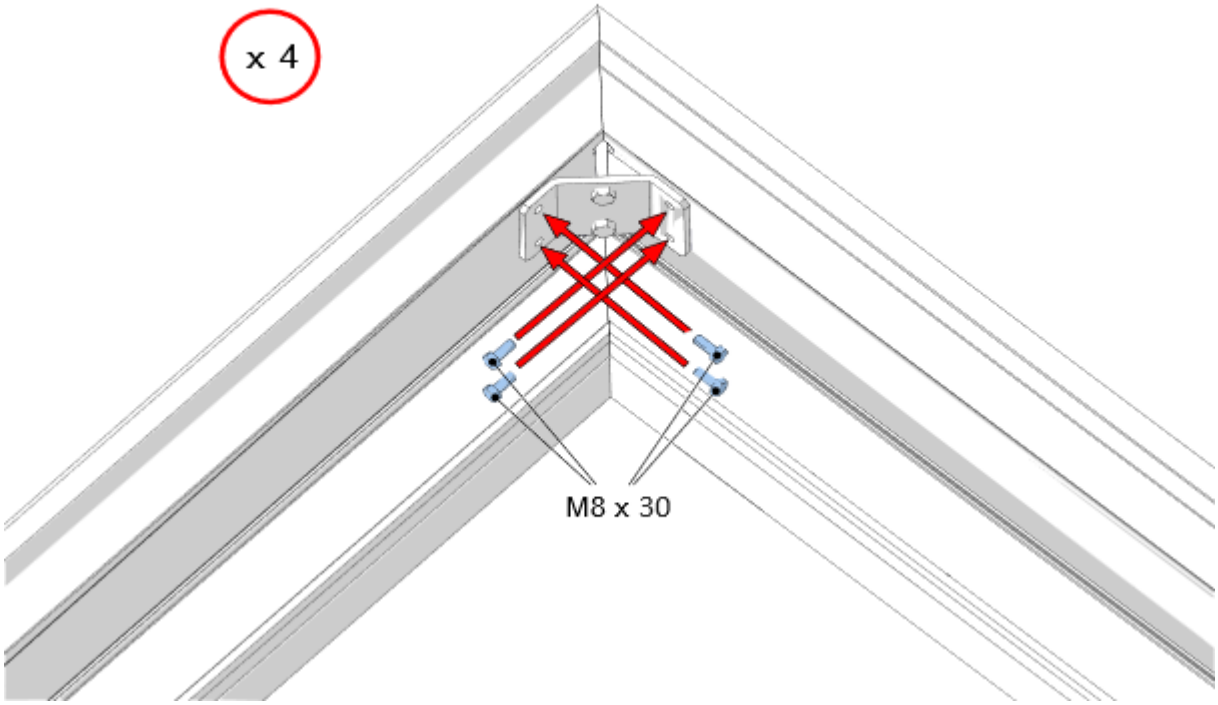
3-1



3-2

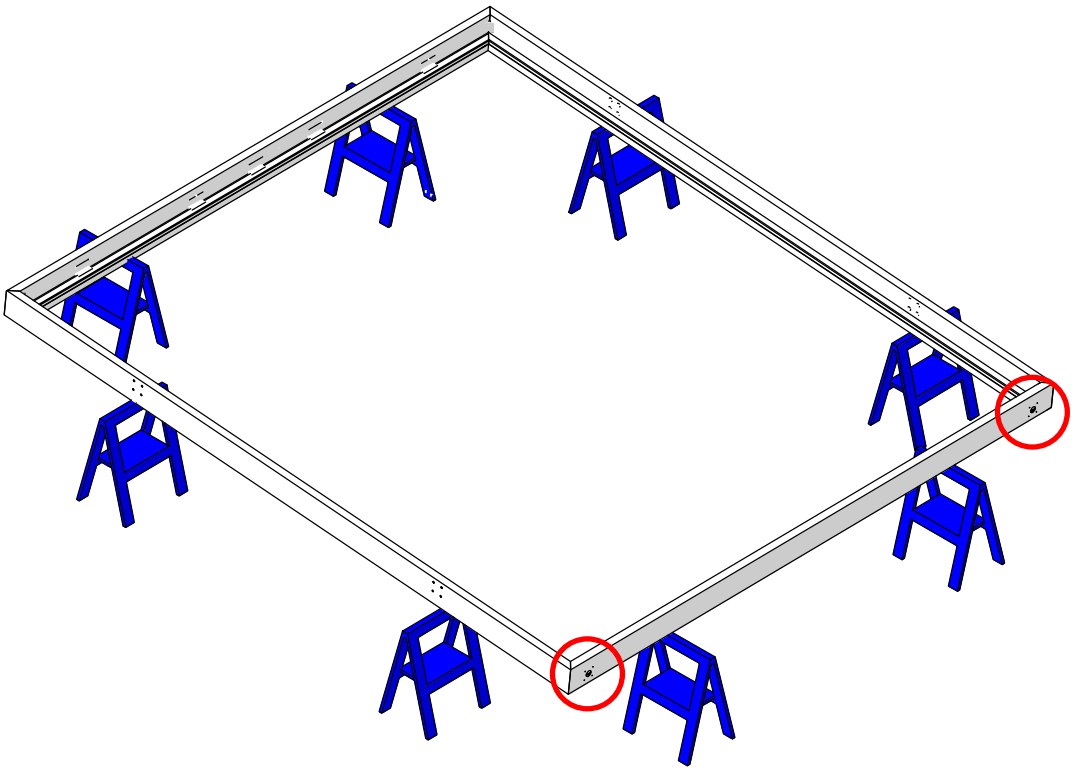


3-3

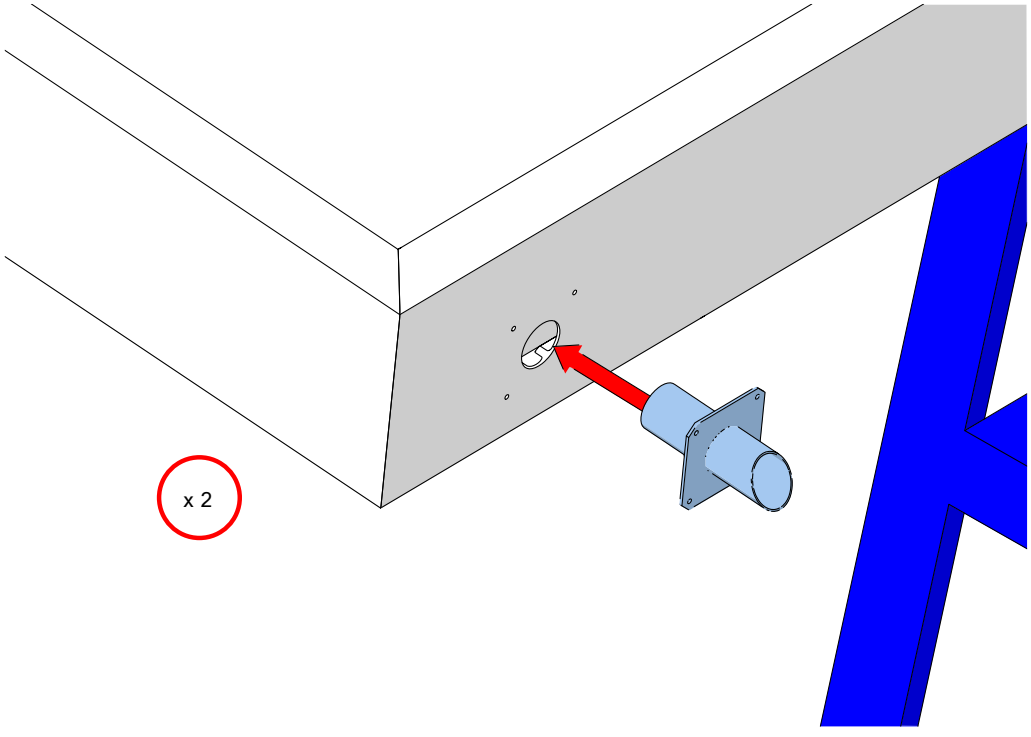


4 Sorties d’eau horizontale

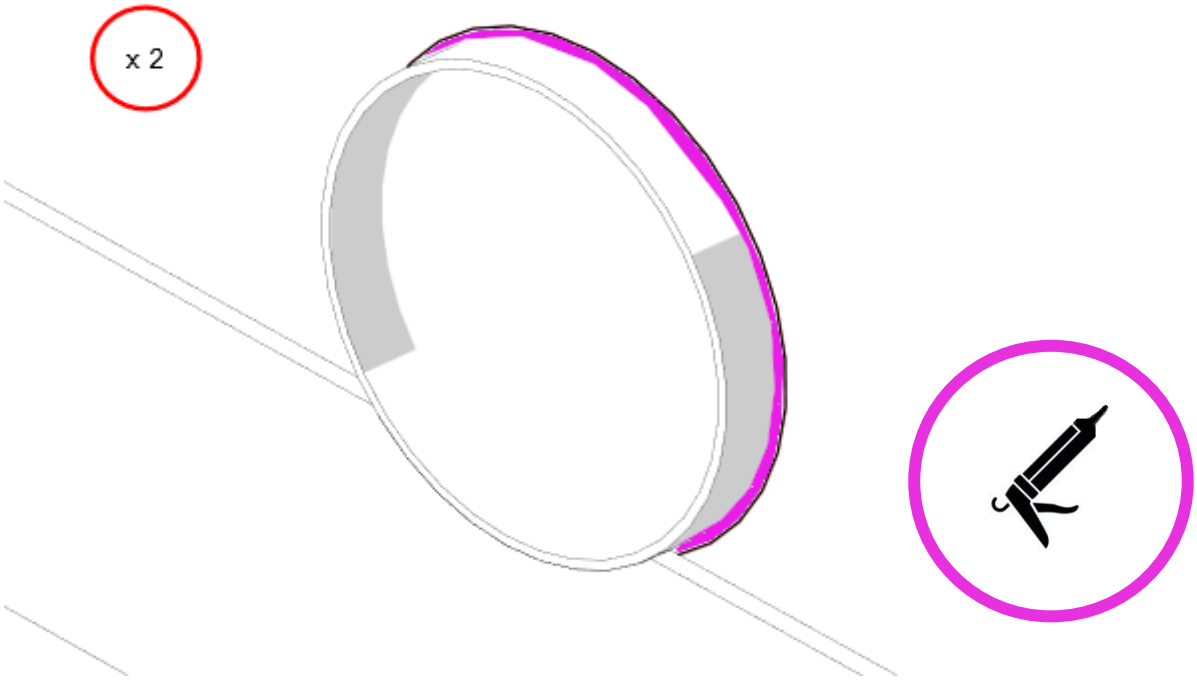
4-1



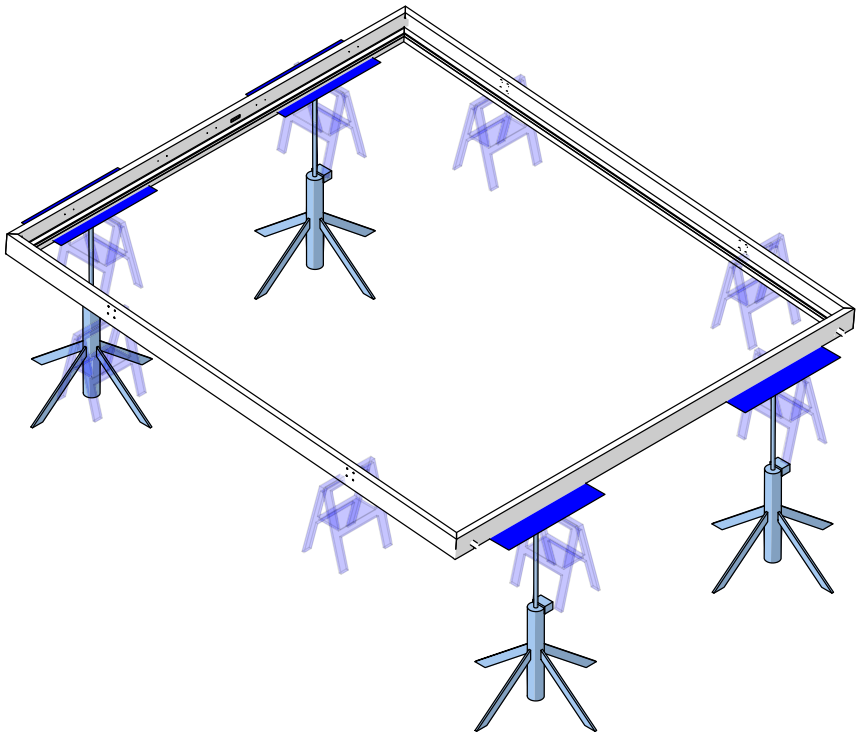
4-2



4-3

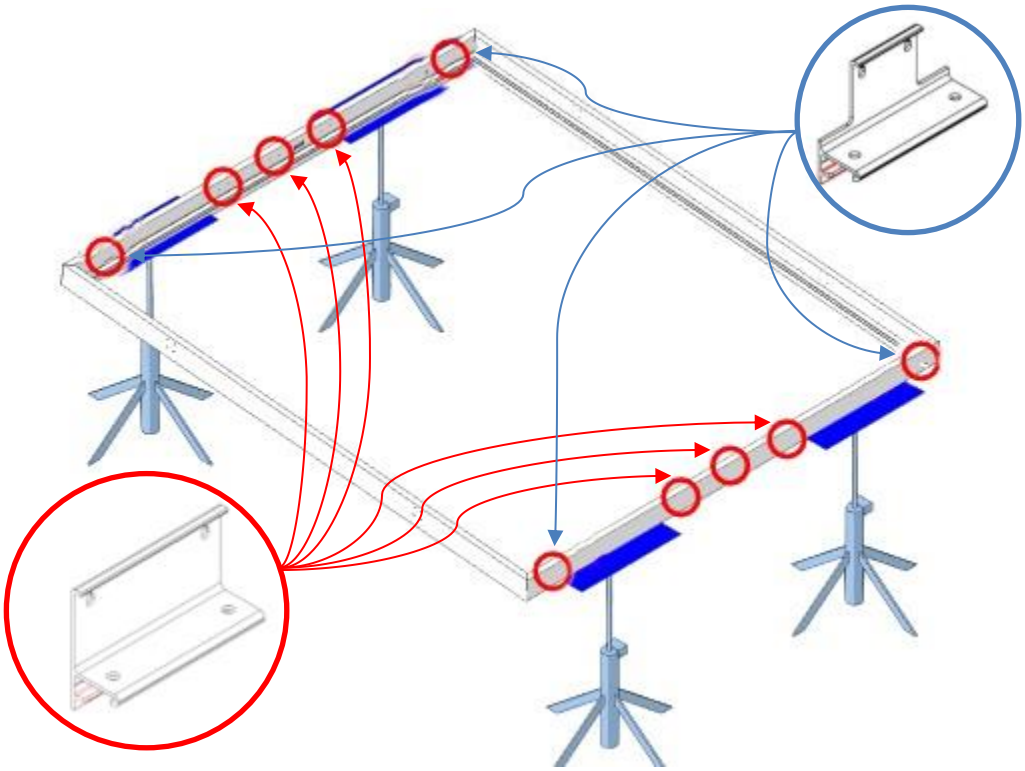


6 Mise en place des lève-plaques

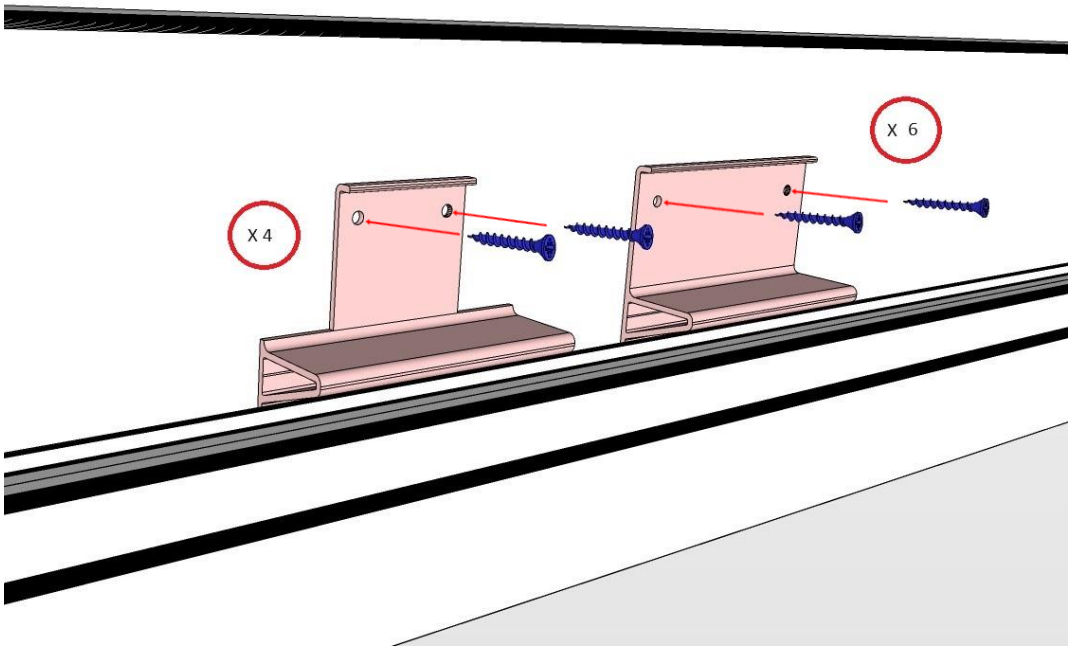


7Montage des équerres

7-1

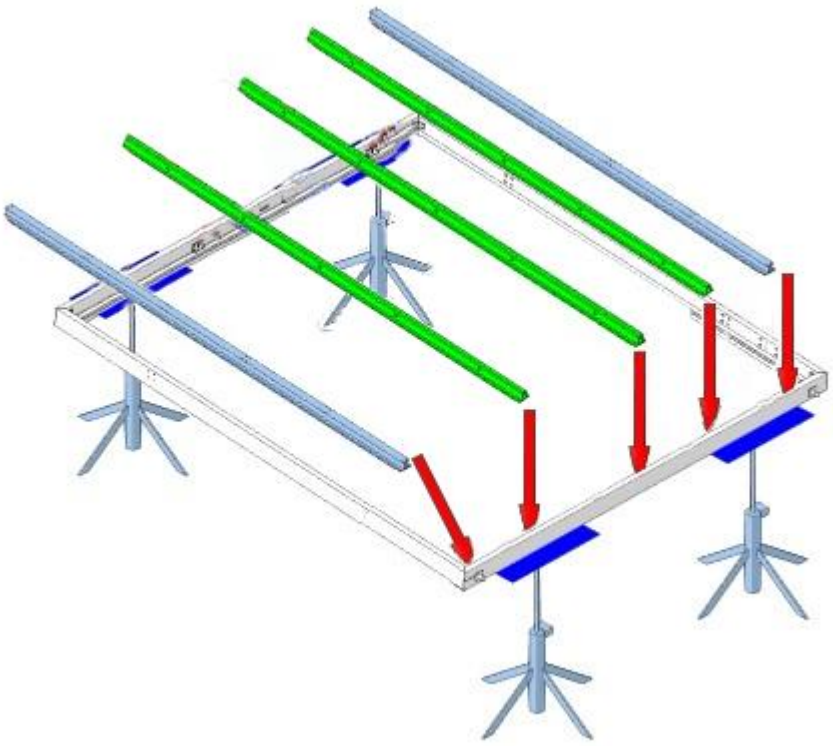


7-2

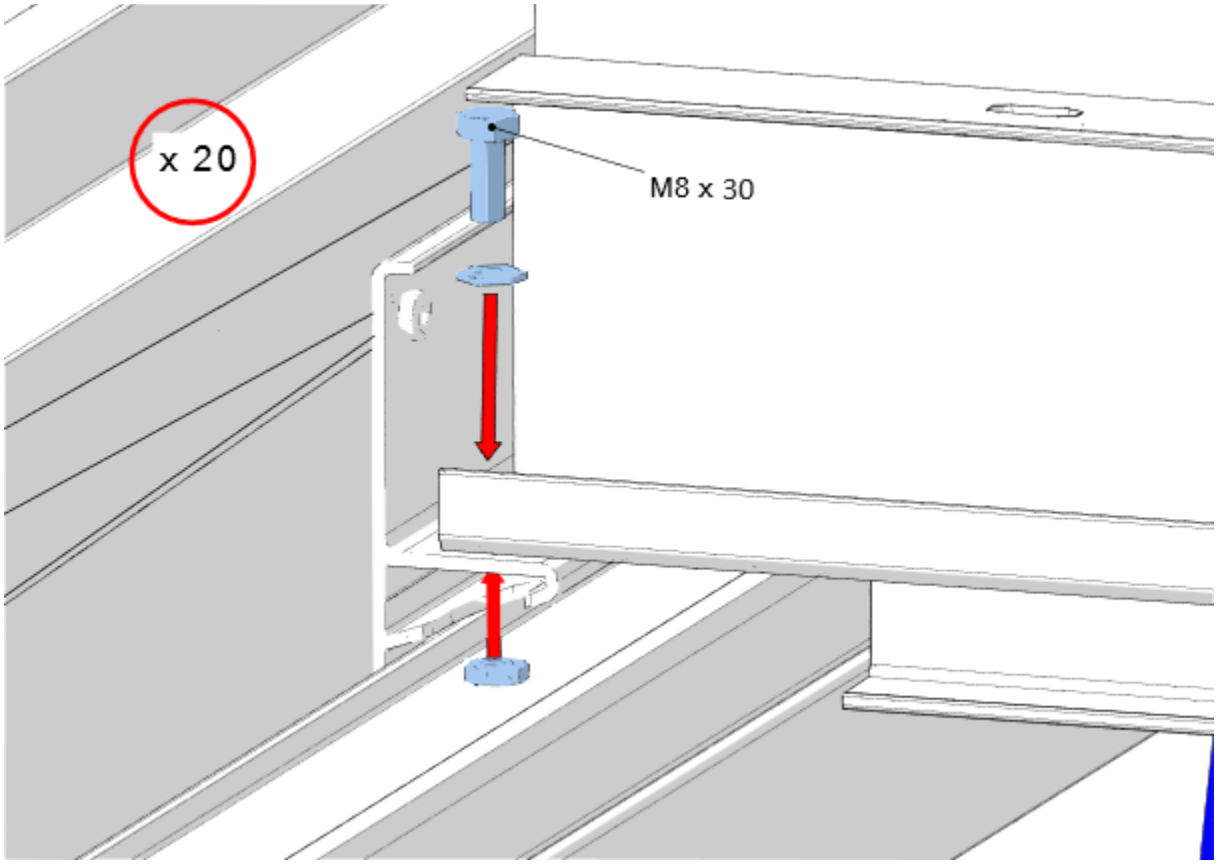


8 Montage des profilés

8-1

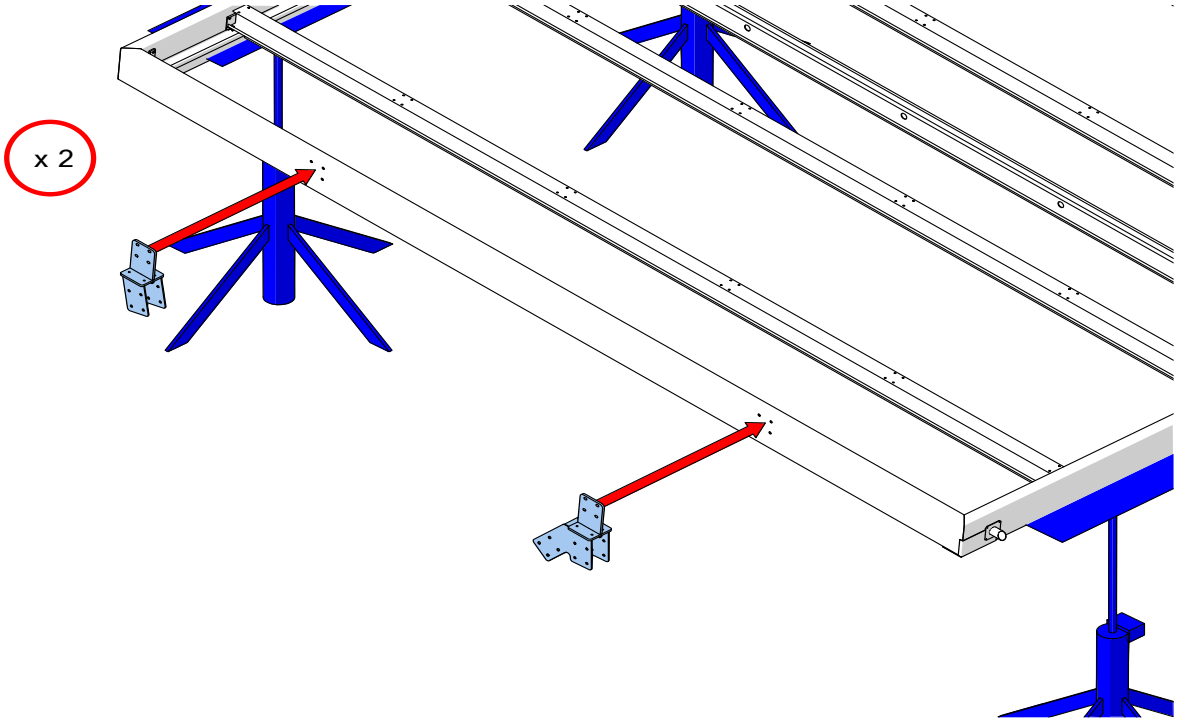


8-2

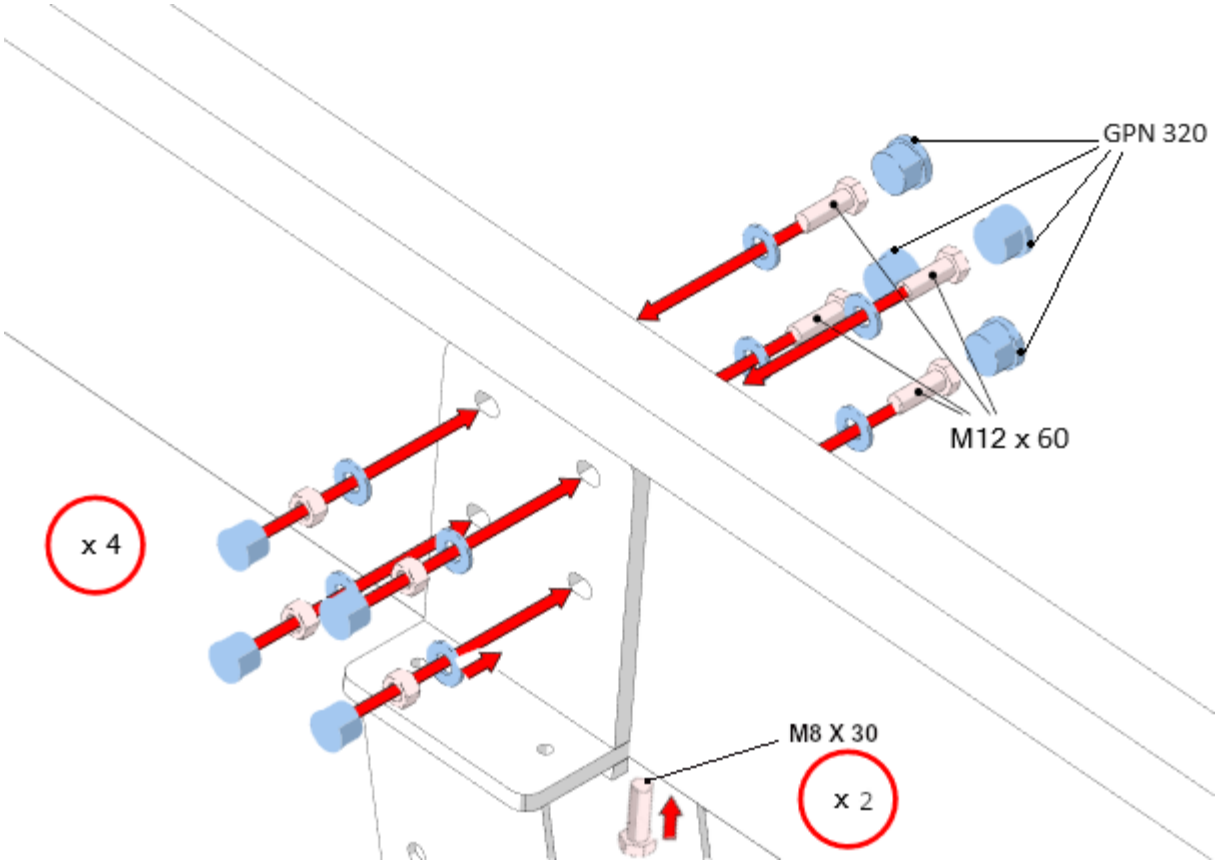


9 Montage des encastrements

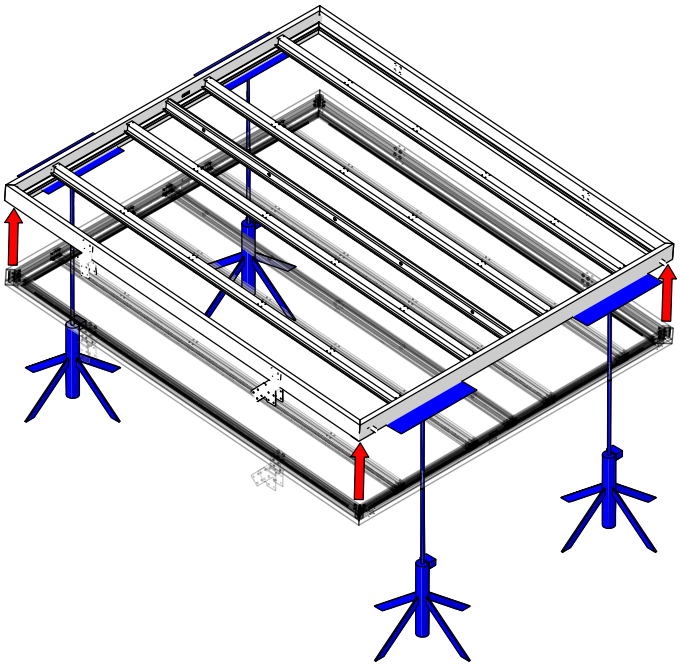
9-1



9-2



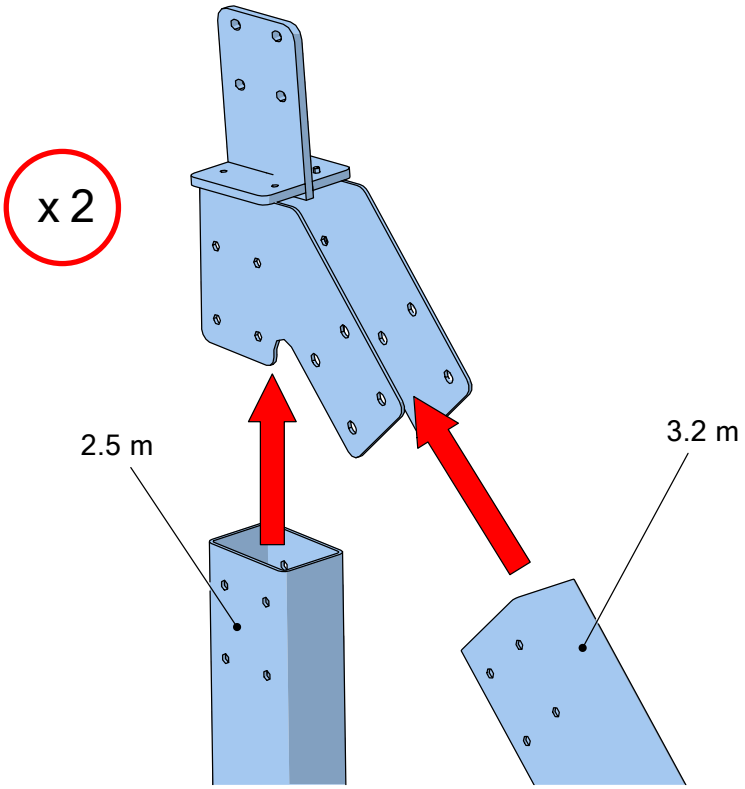
10 Soulèvement avec lève-plaques



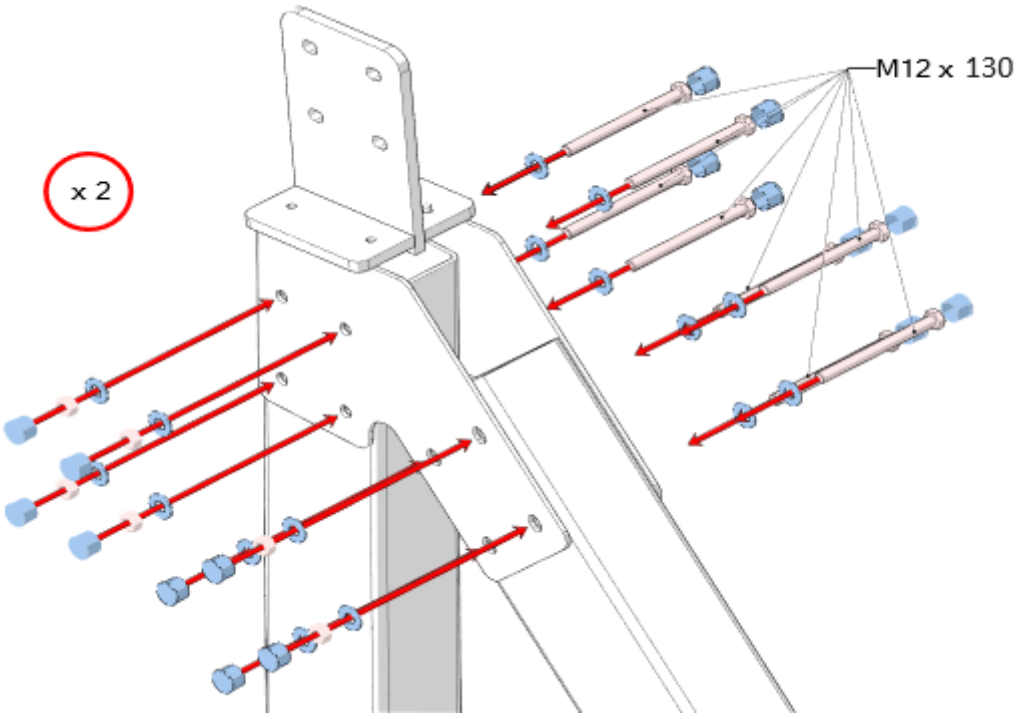
Montage supports

1 Encastrement haut poteau court

1-1

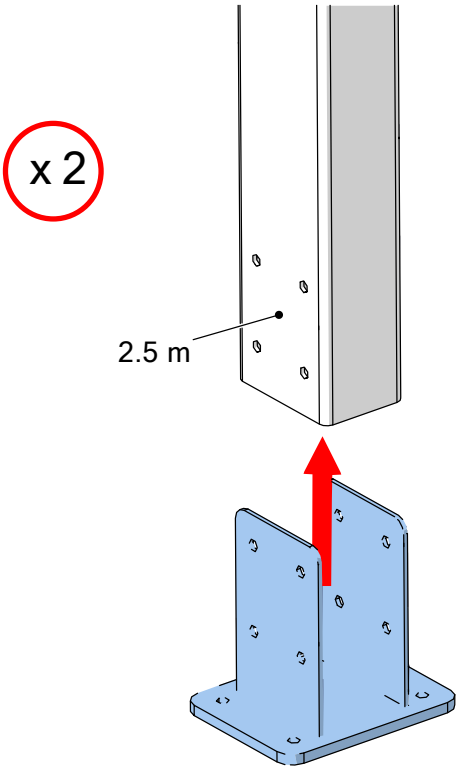


1-2

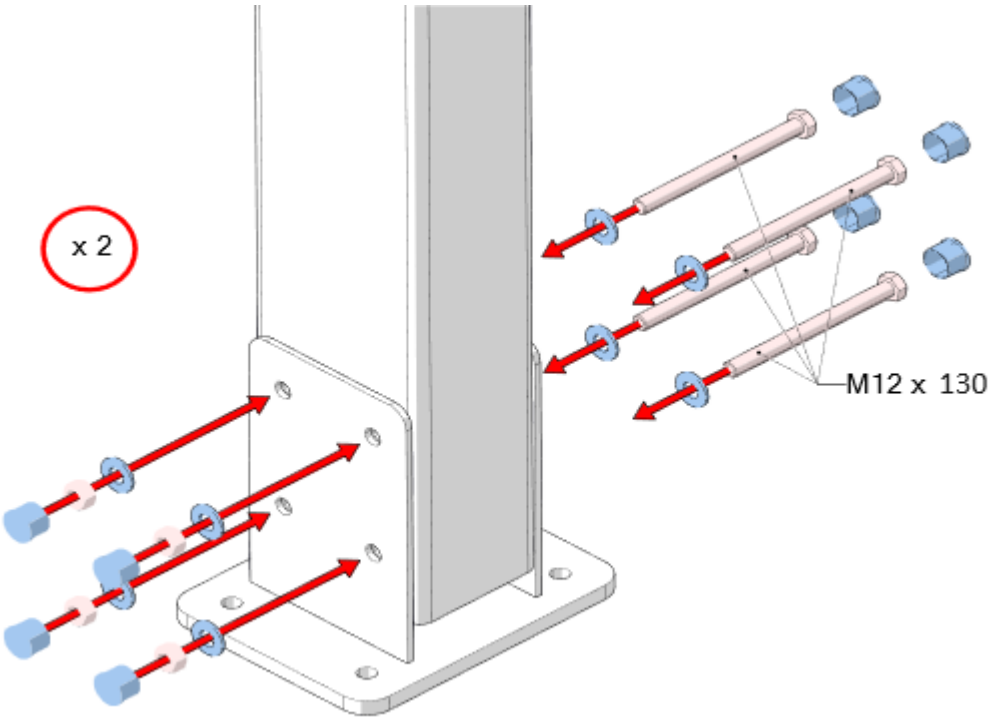


2 Tôle encastrement court

2-1

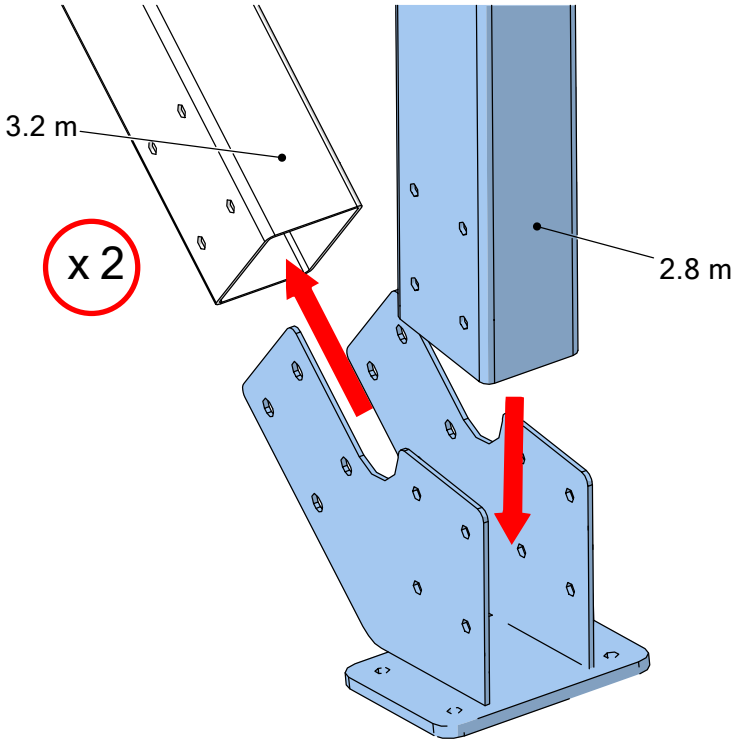


2-2

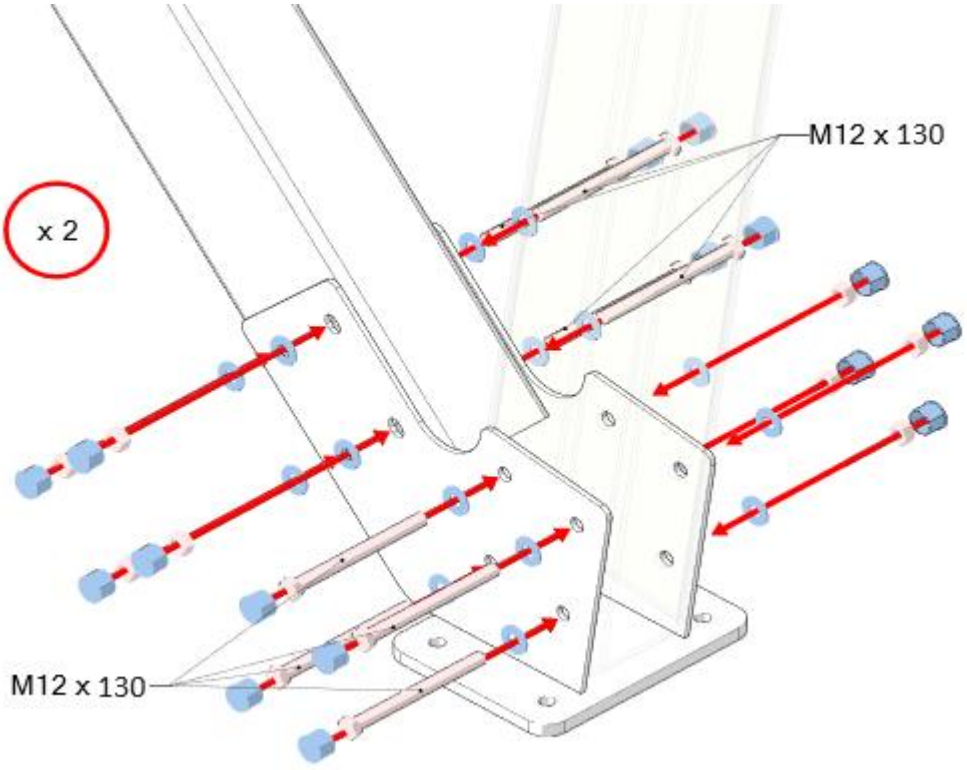


3 Tôle encastrement long

3-1

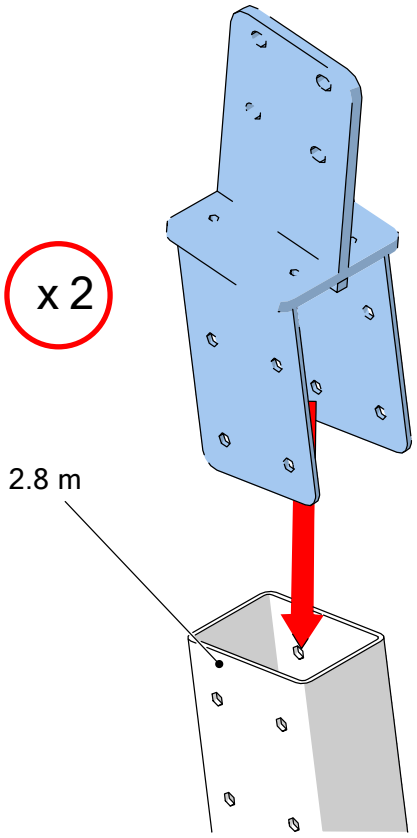


3-2

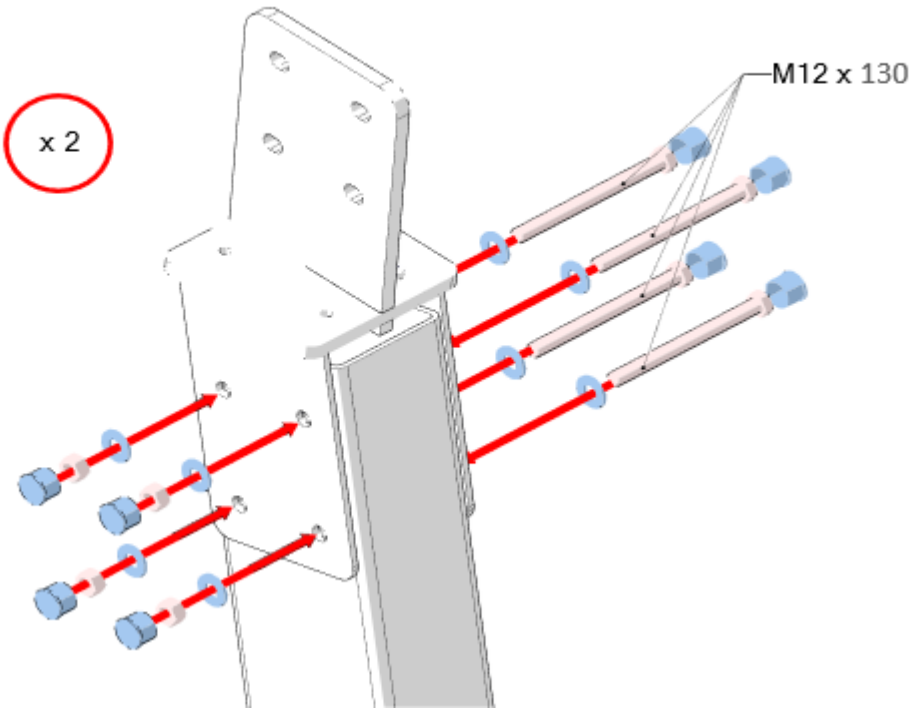


4 Encastrement haut poteau long

4-1



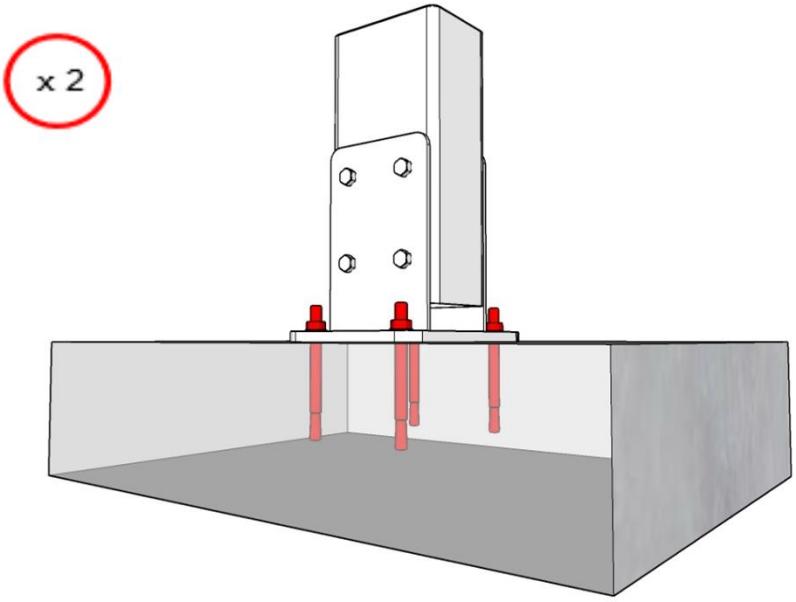
4-2

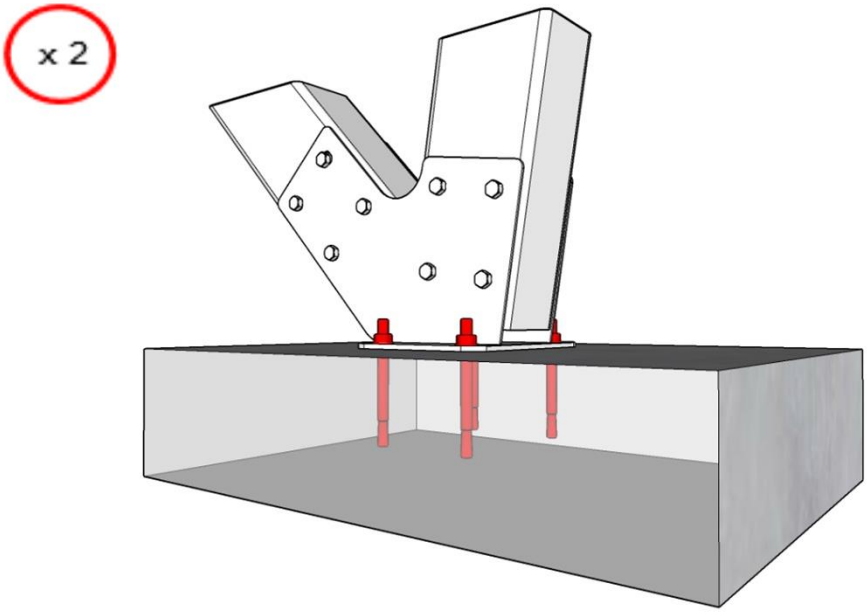


5 Fixation au sol

Voir préconisation page 3

5-1

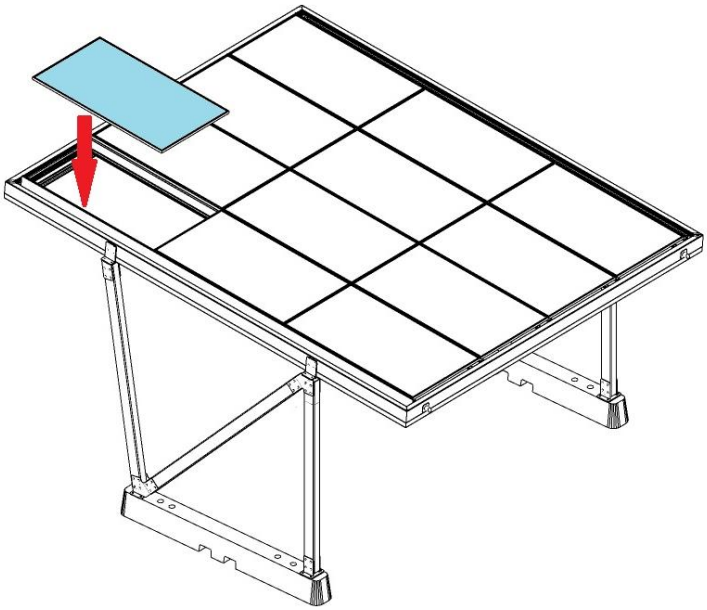




Montage des panneaux et gouttières

1 Montage panneaux

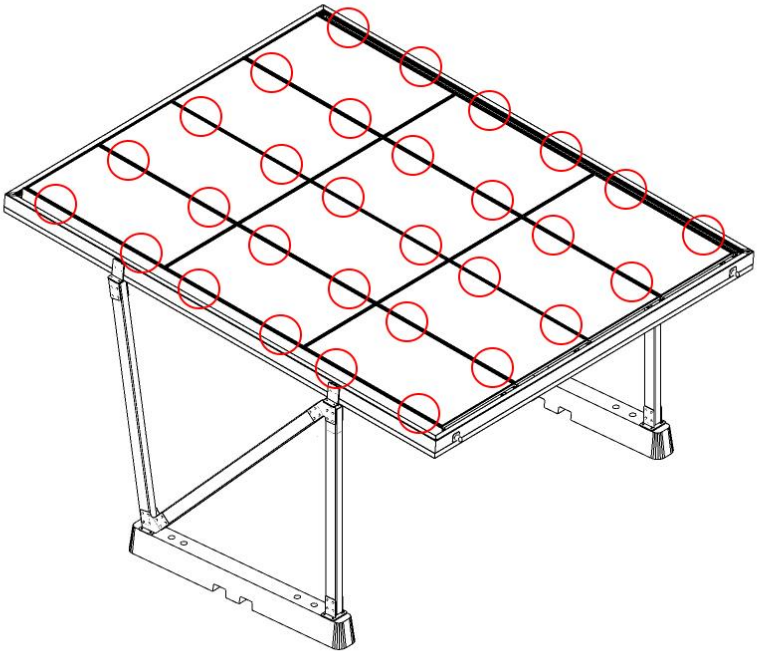
1-1



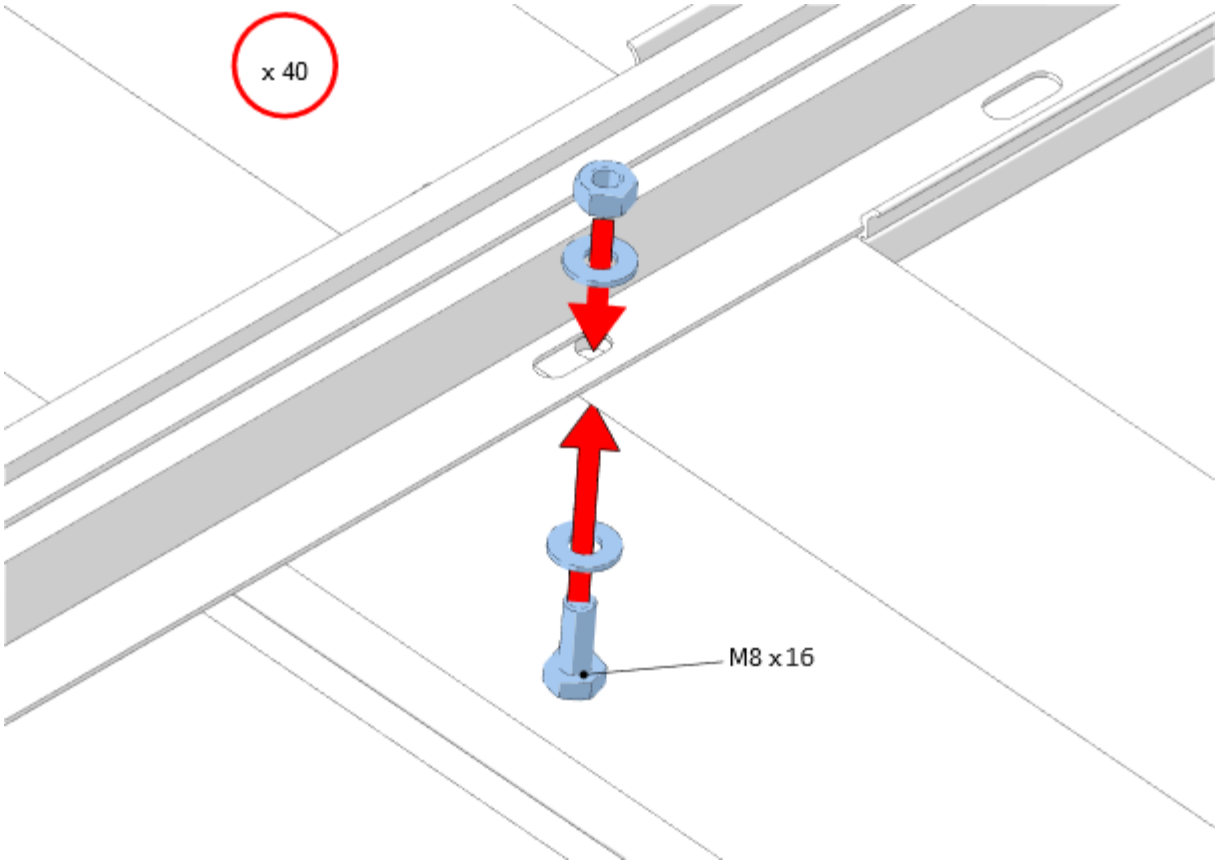
Nota : attention au sens des panneaux

2

1-3

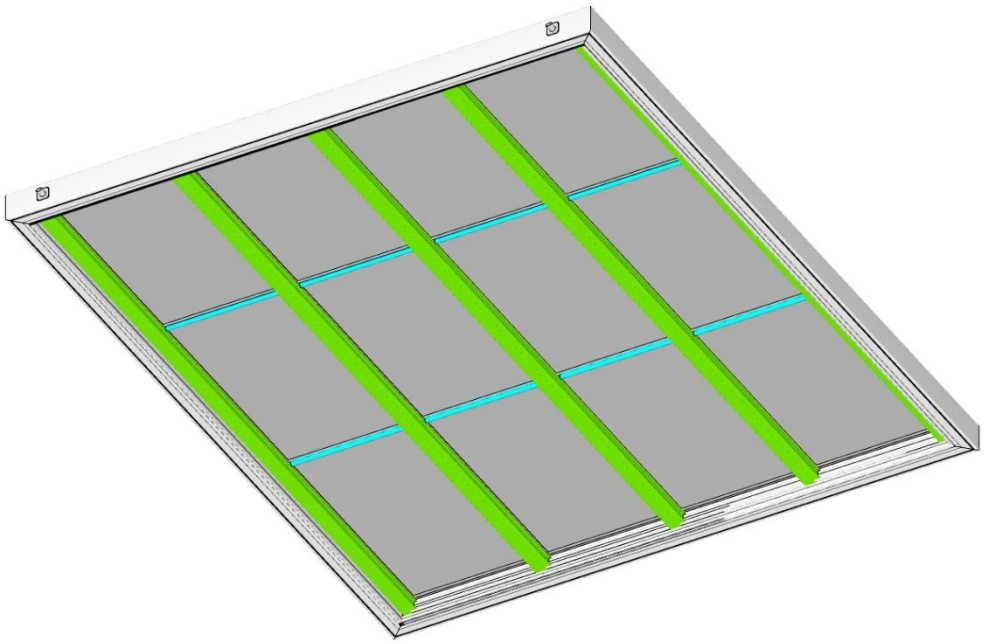


1-4

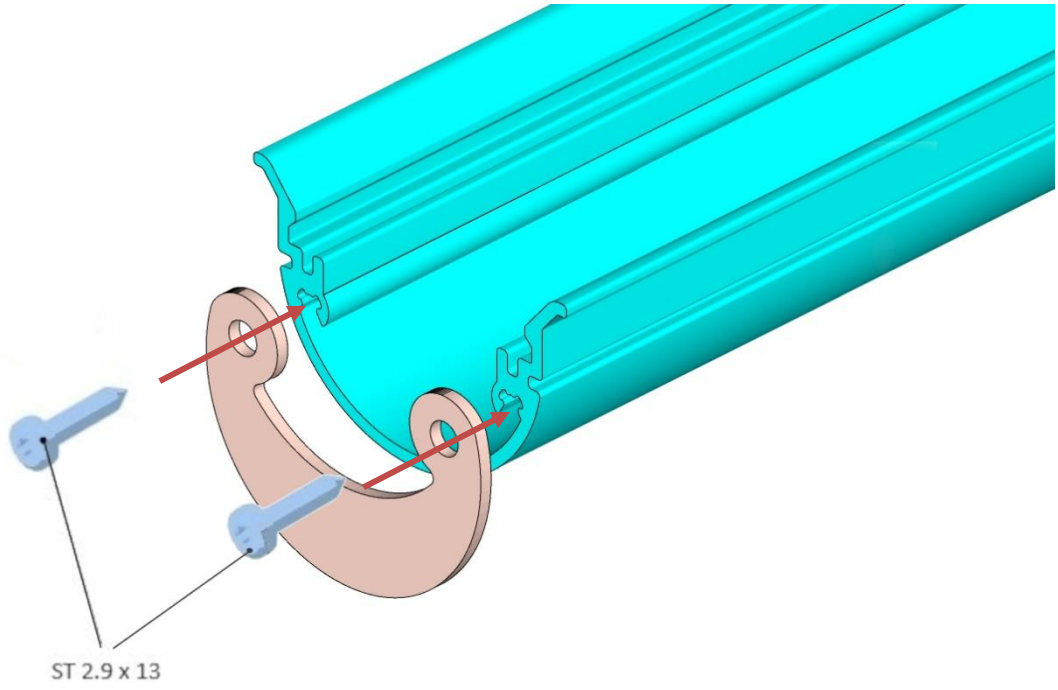


2 Montage gouttière

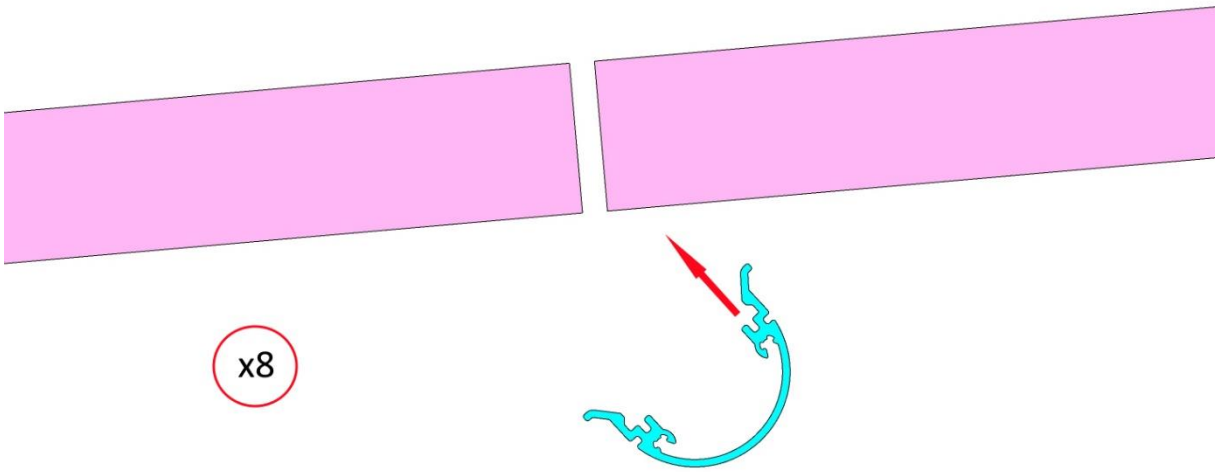
2-1



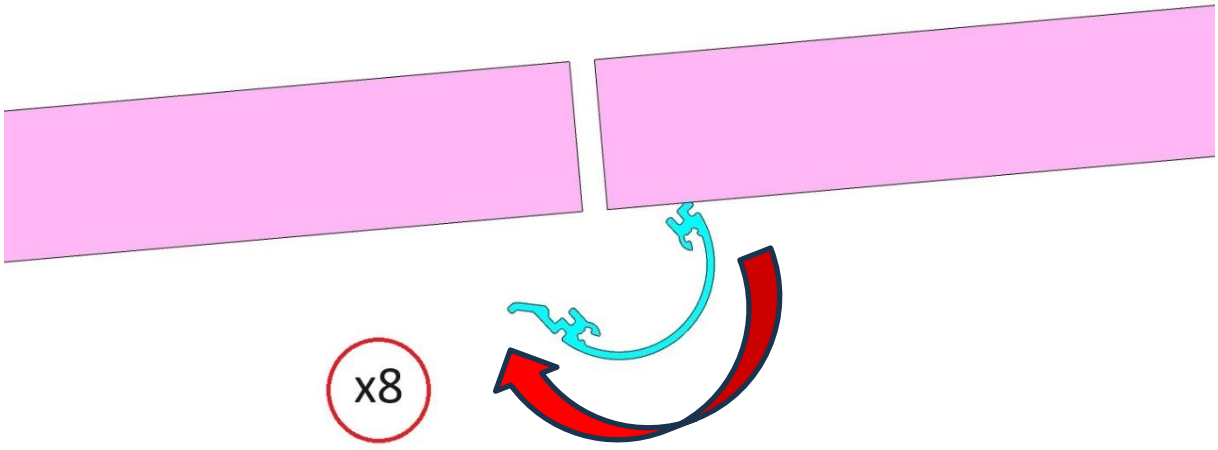
2-2

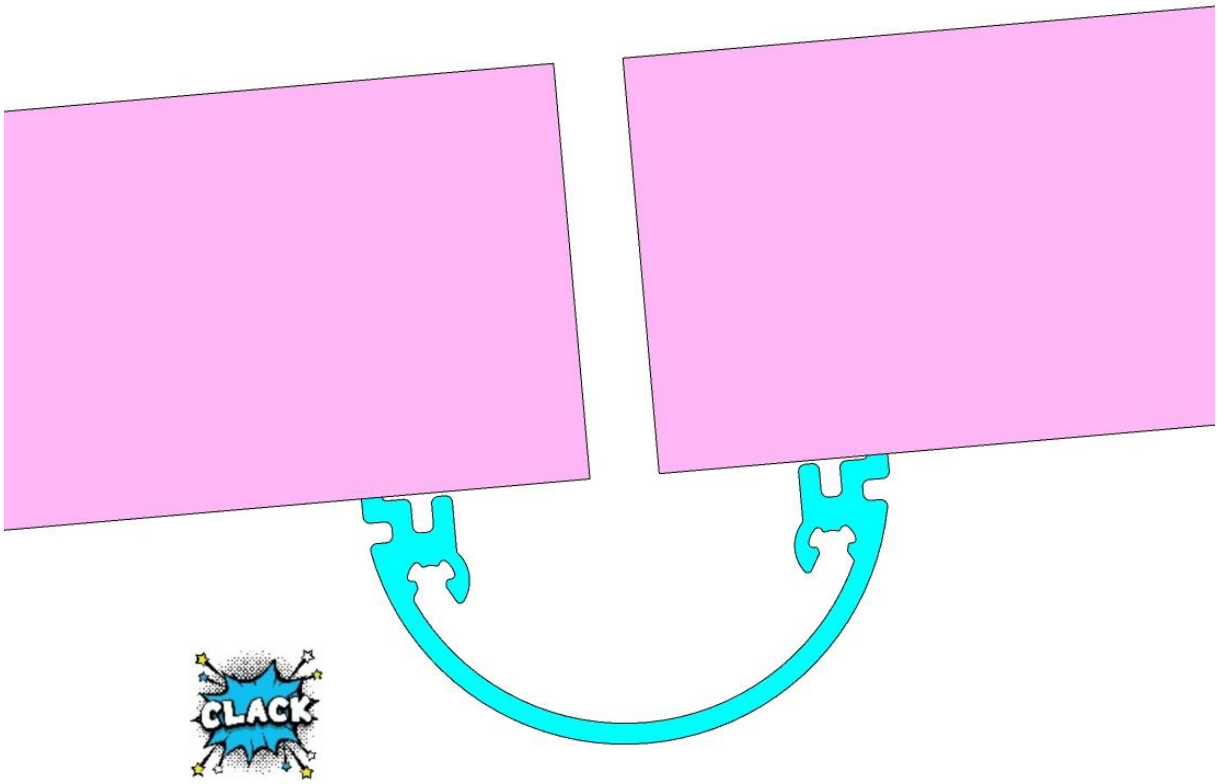


2-3

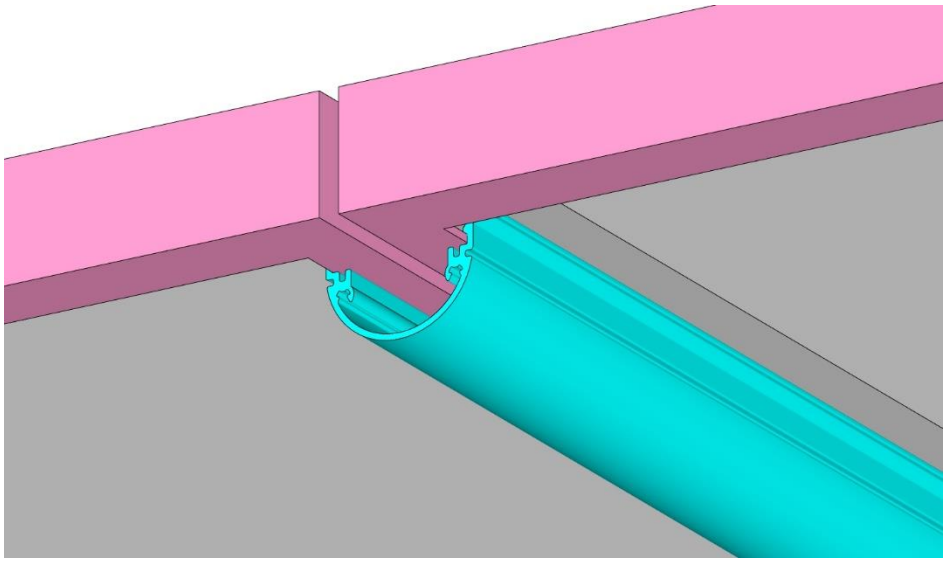


2-4





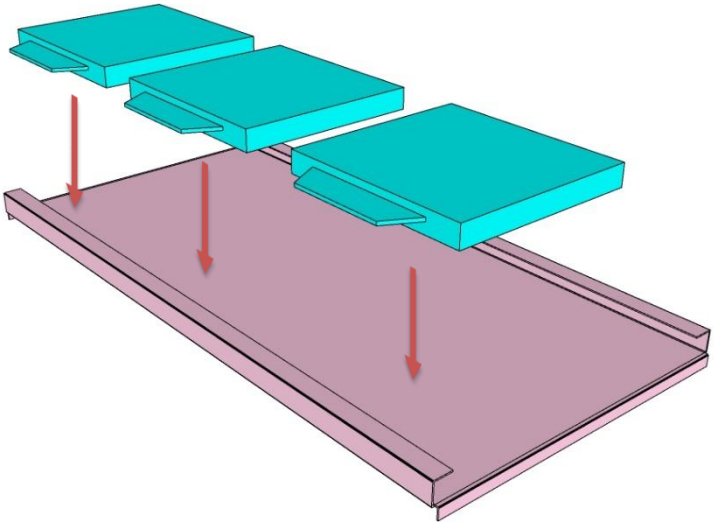
2-5



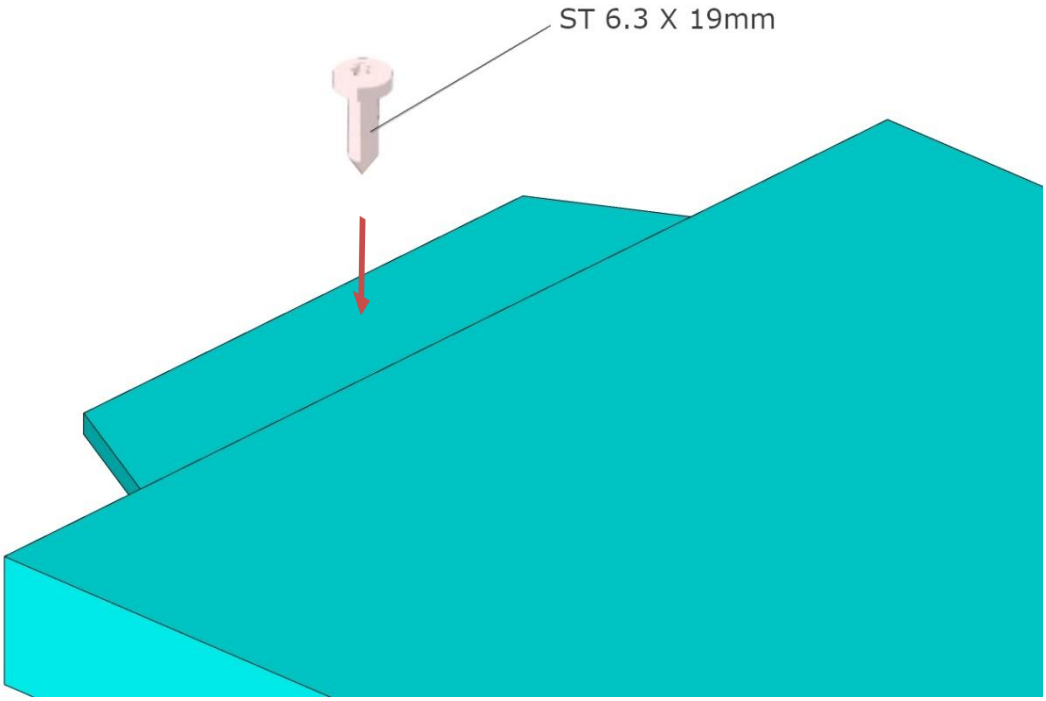
Montage des onduleurs et câbles

1 Montage onduleurs

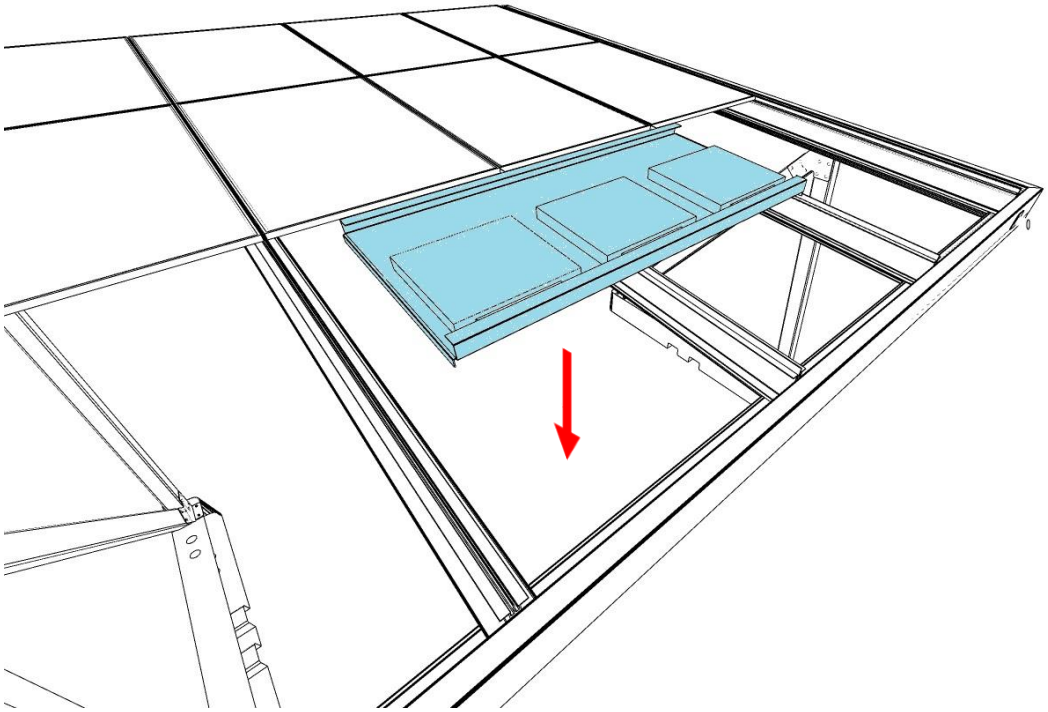
1-1



1-2



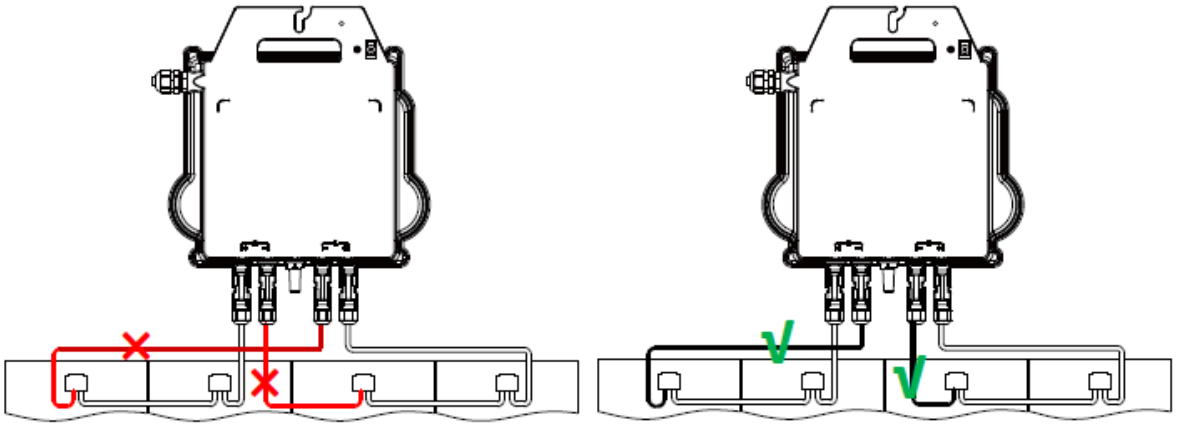
1-3



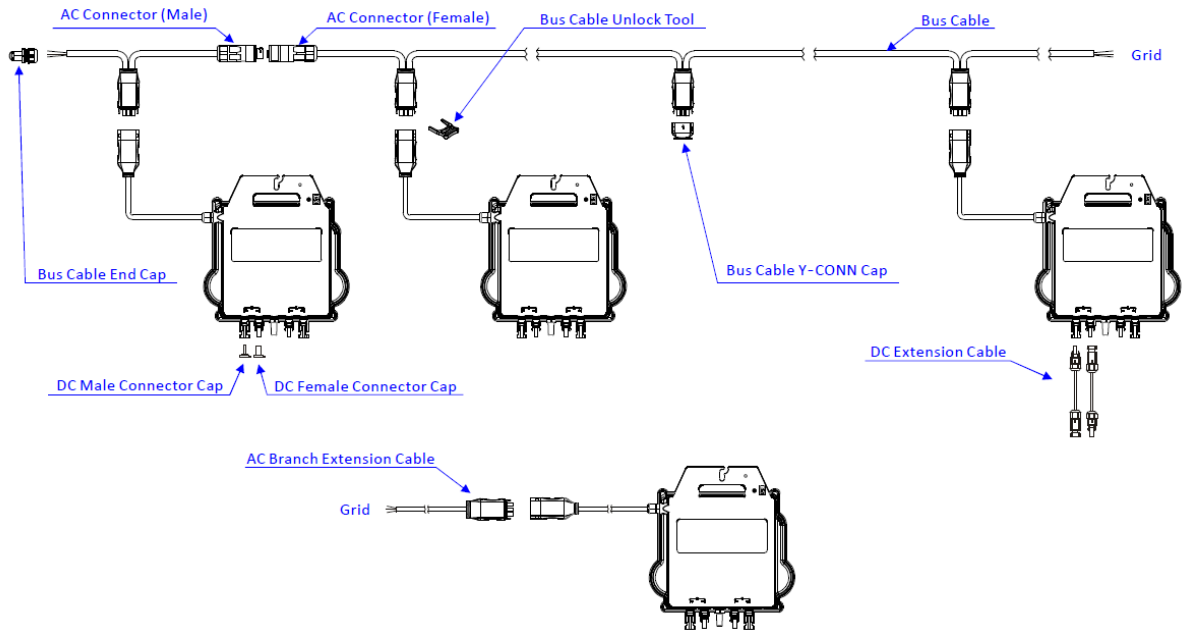
Nota : la plaque est posée sur la structure, non vissée

2 Montage câbles

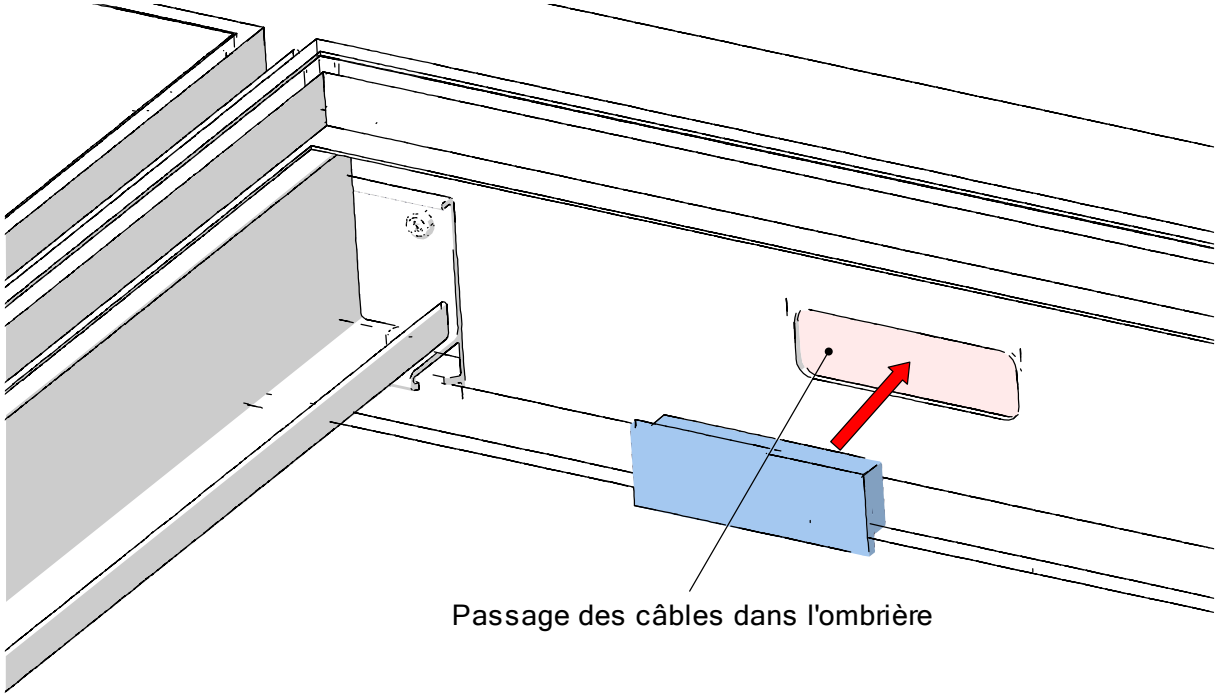
2-1



2-2



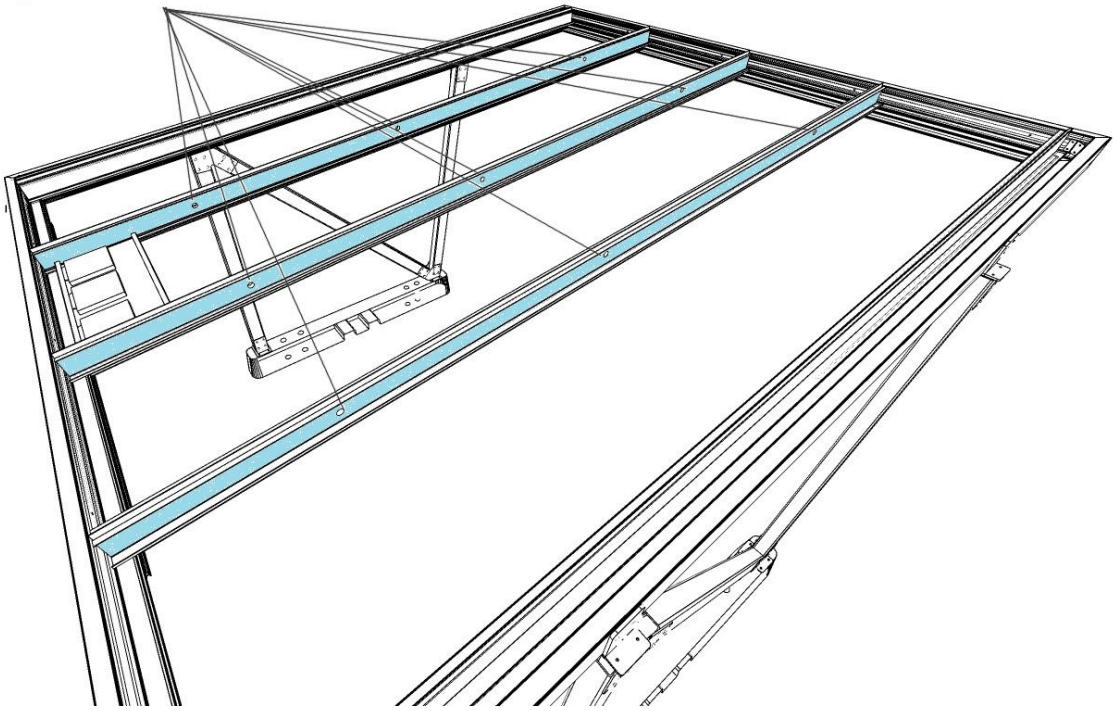
2-3



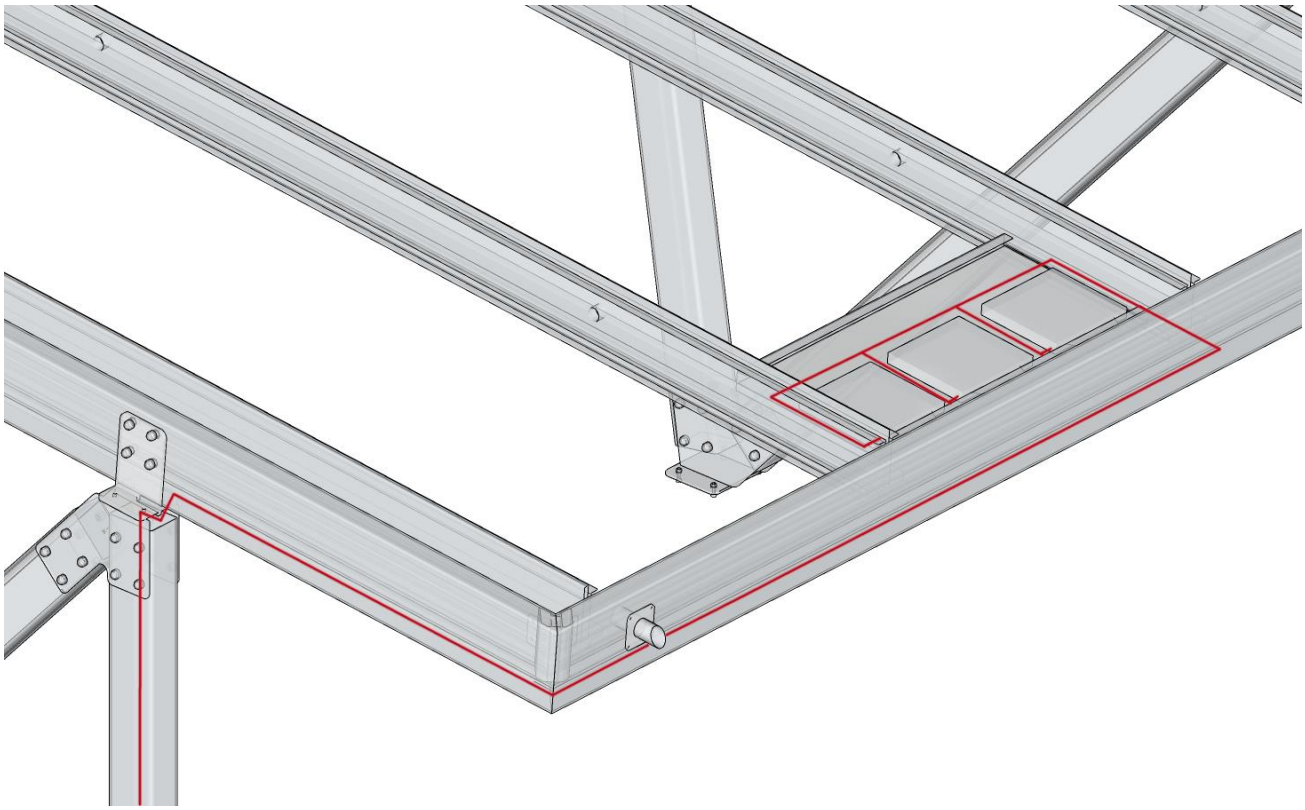
Passage des câbles dans l'ombrière

2-4

Passage des cables dans l'ombrière

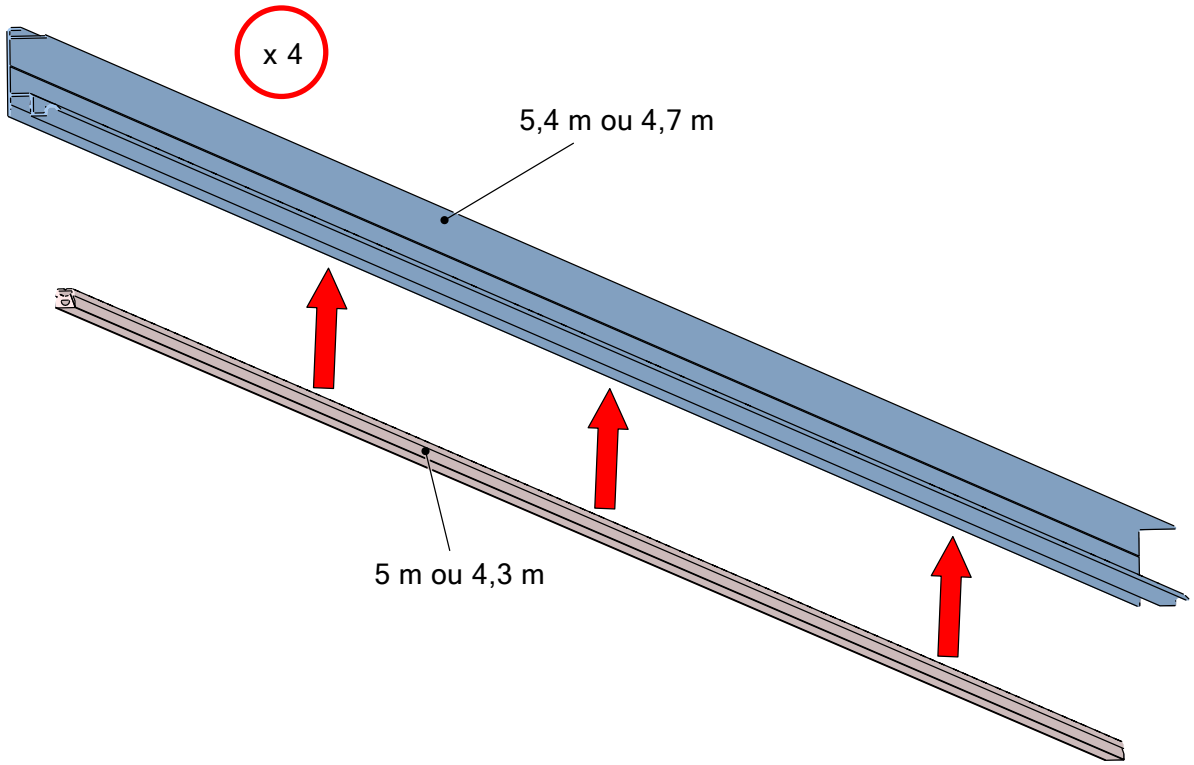


2-5

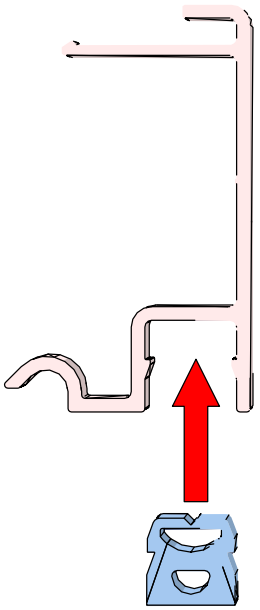


Montage des capots et bandeau LED

1-1

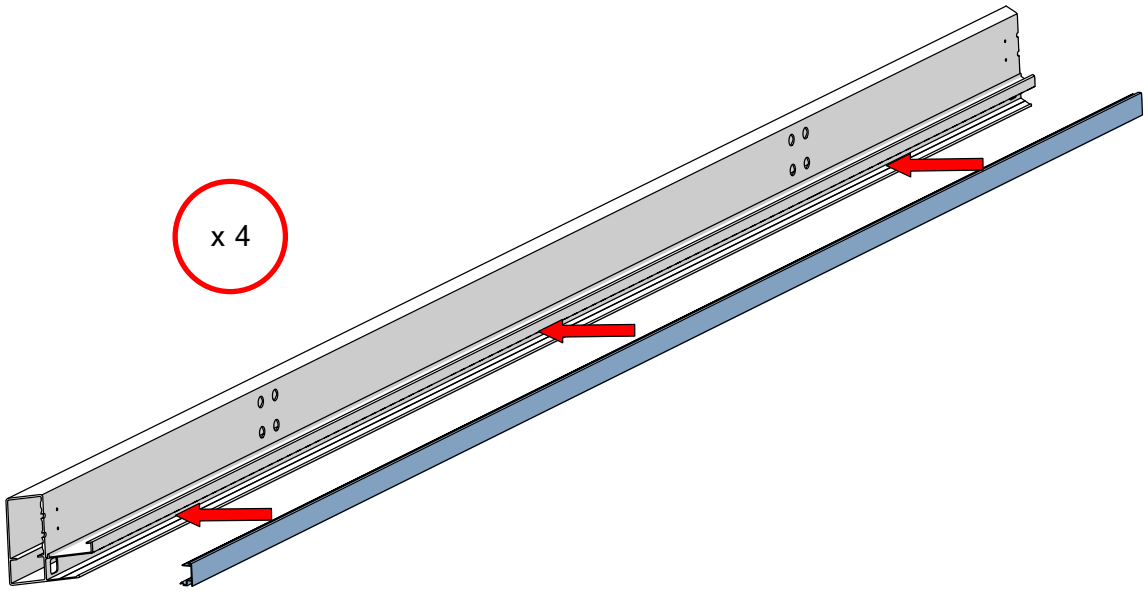


1-2

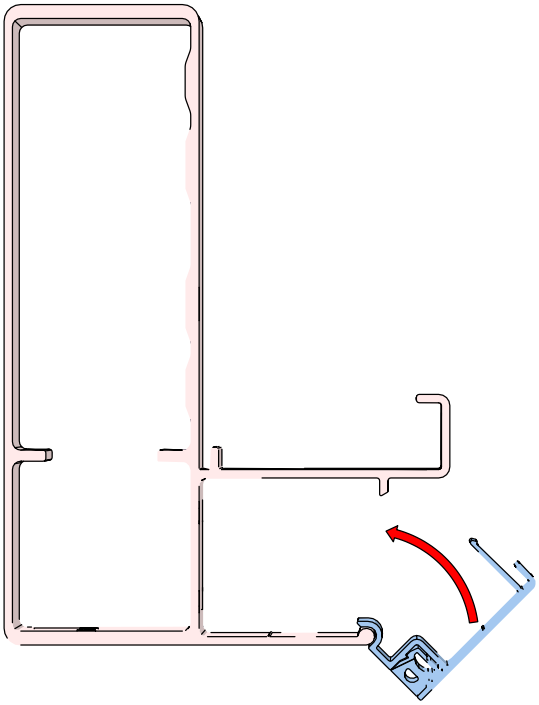


1-3

1-4

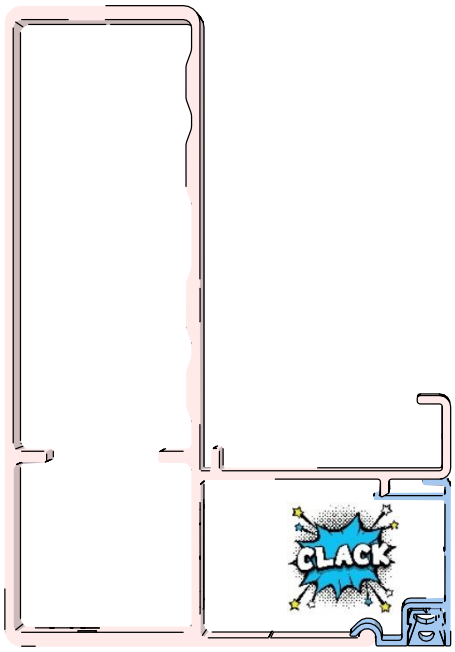


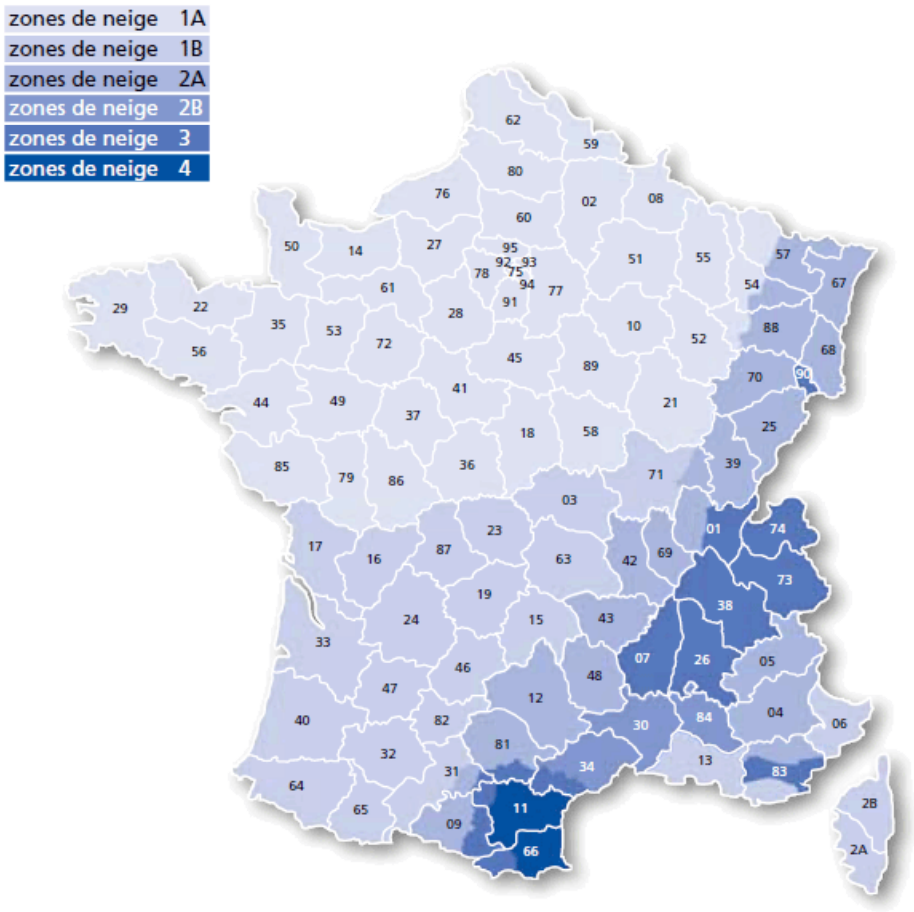
1-5

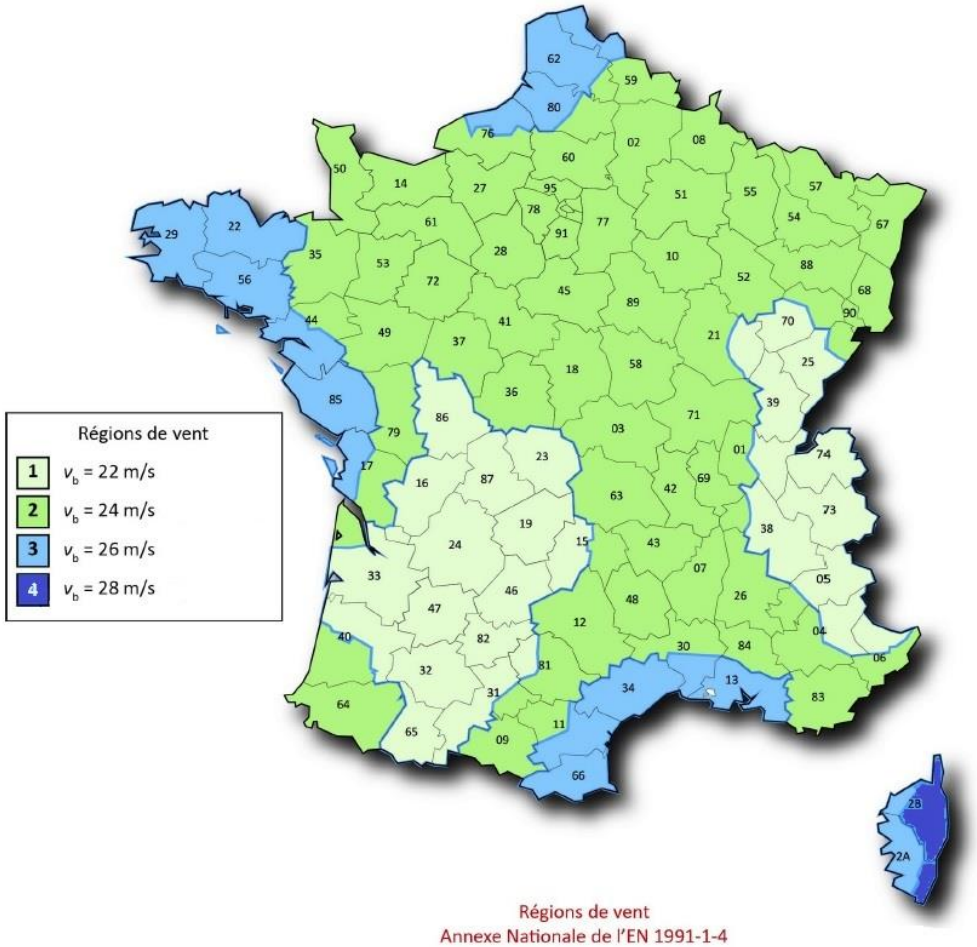


Monter d’abord les capots sur les côtés, ensuite celui à l’avant puis celui à l’arrière

1-6







Régions de vent
Annexe Nationale de l'EN 1991-1-4