

Installationsanleitung



1. Preparation

1.1 Safty

Please use the following tools and pay attention to safety during construction



Safety Clothing



Safety Shoes



Helmet



Safety Glas



Goggles

1.2 Tools



Allen wrench
M8-M12



Wrench
M8-M12



Twist Wrench
M8-M12



Electric Rotor



Awning Turned



Electric Screw



Tape Measure



Rope



Wood Hammer



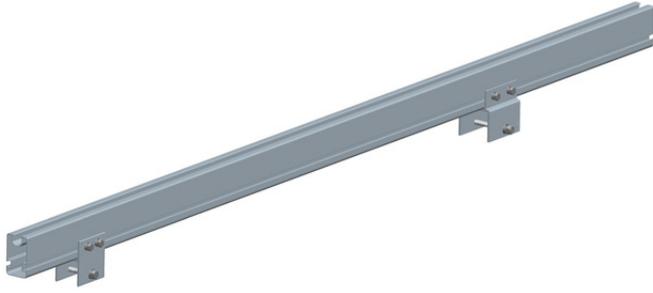
Sleeve

Outer hexagonal bolt	Type of sleeve:	Inner hexagonal bolt	Type of sleeve:
ST6.3	10mm sleeve	M8	6mm hexagon wrench
M10	16(17)mm sleeve		
M12	18(19)mm sleeve		

If there is another type of bolt,pls use other sleeves

1.3 Solar Accessories

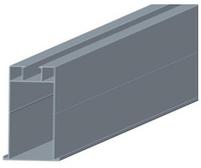
Preassemble Beam



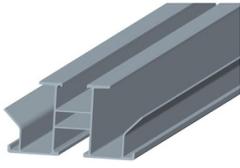
Preassemble Pillar with Base



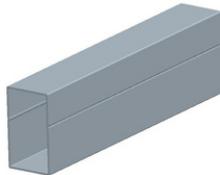
Other Accessories



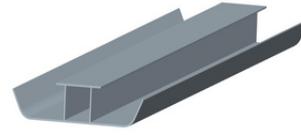
R035 Rail



R043 Waterproof Rail



R035 Railing Splice



U Shape Rail (guiding gutter)



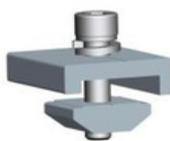
Gasket



End Clamp



Mid Clamp



Rail Clamp



Cover Plate



Pillar 60X60



Aluminum Angle



Aluminum Anlge Splice



Bolt



Earth Clip



Earth Lug



Beam Splice



Embredded Bolt



U014 Drainage Channel



Rhone



Drainer



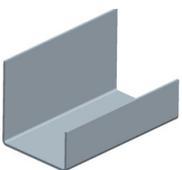
Elbow



Hose Clamp



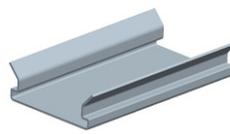
Plate



U014Splice For Drainage Channel



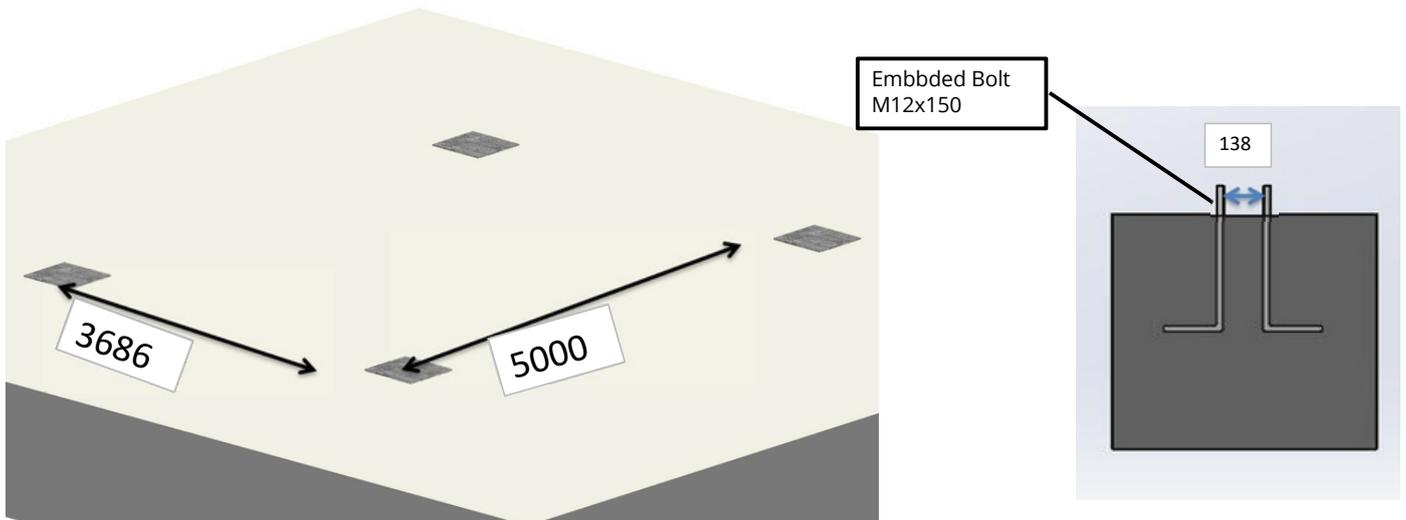
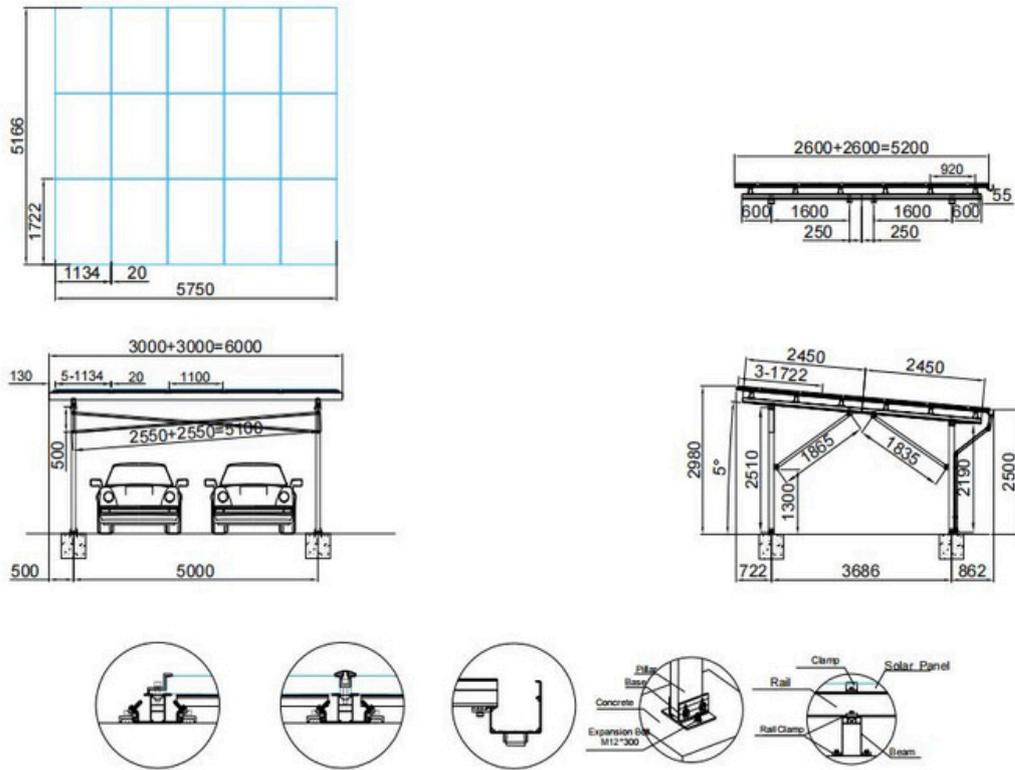
Self-drilling Screw ST6.3*25



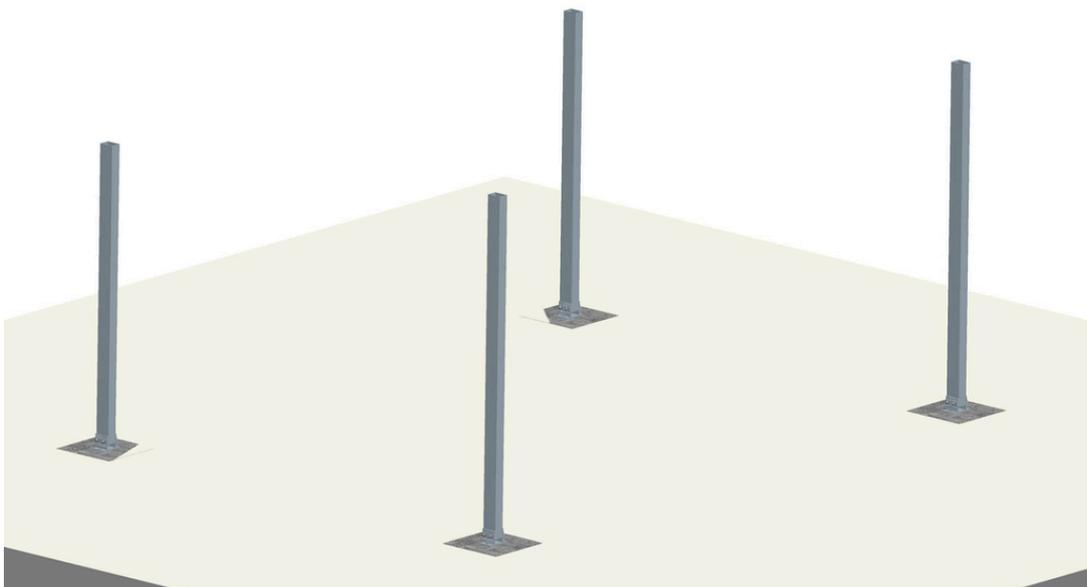
R043 Waterproof Rail

2. Installation

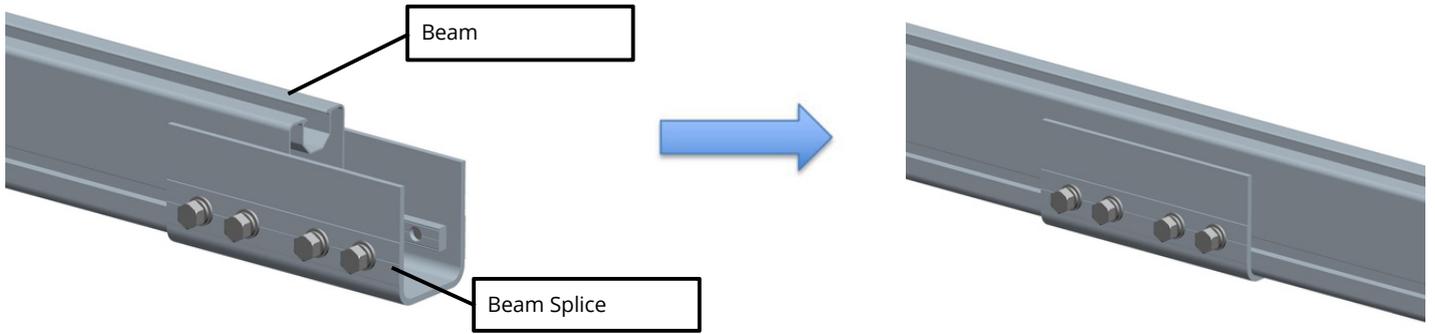
2.1: Refer the drawing to confirm the installation Site



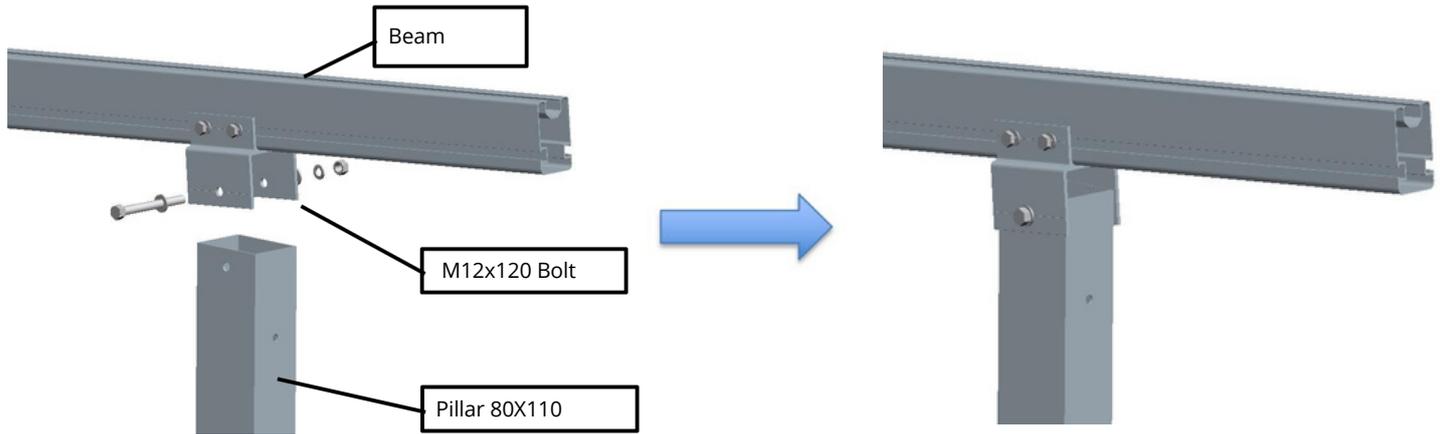
2.2: Install Preassemble Pillar with Base



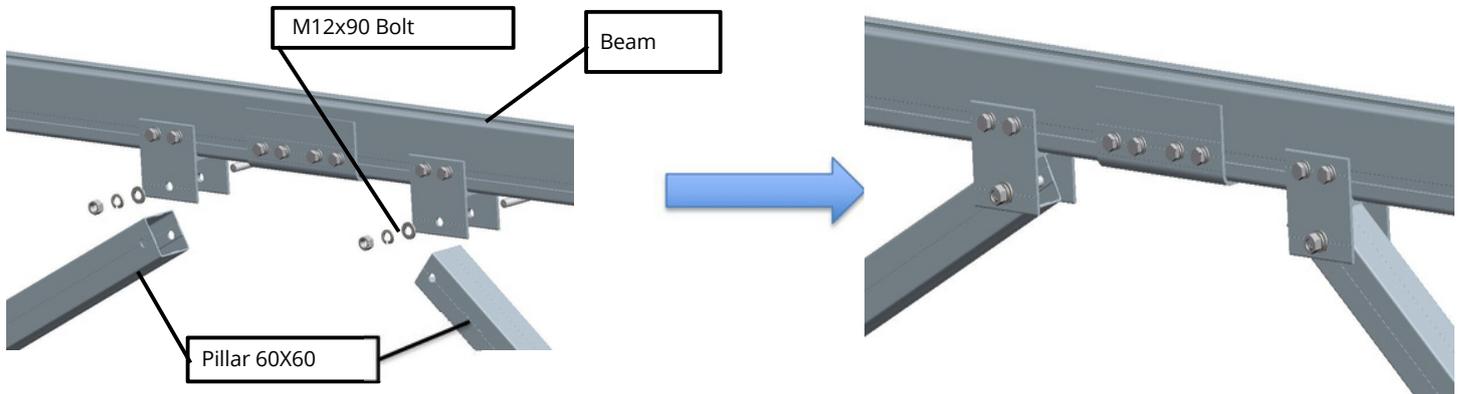
2.3: Use Beam Splice to connect 2 Preassemble Beams.



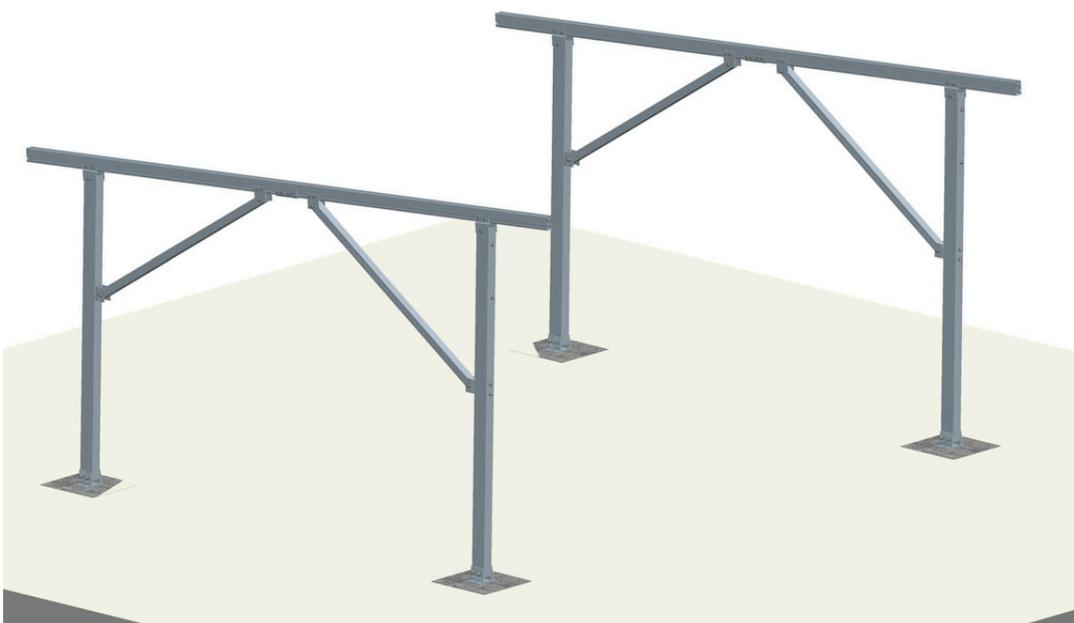
2.4: Use M10x140 Bolt to connect Preassemble Beam and Preassemble pillar.



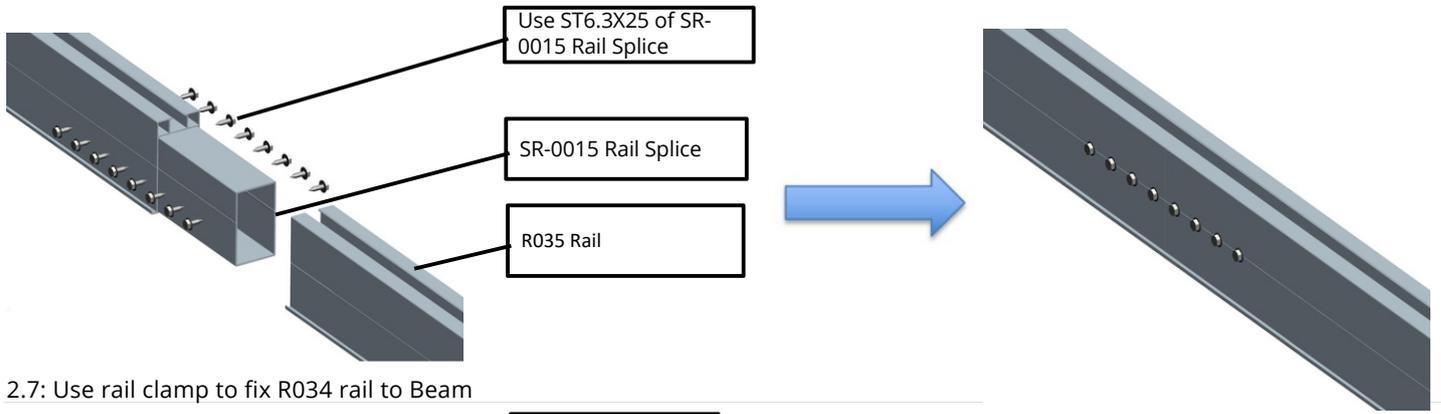
2.5: Use M12x90 Bolt to connect Preassemble Beam and Preassemble pillar



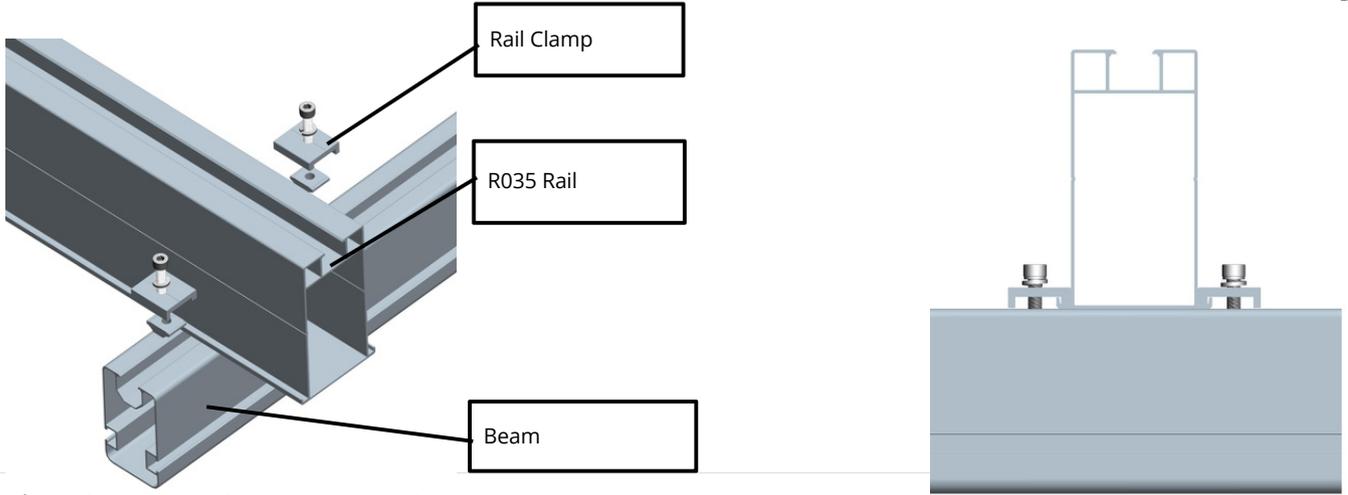
Completed



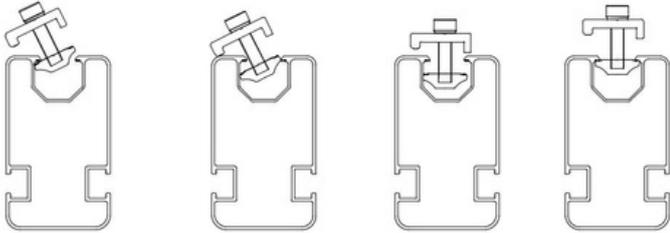
2.6 Install R034 Rail and SR-0035 Rail Splice



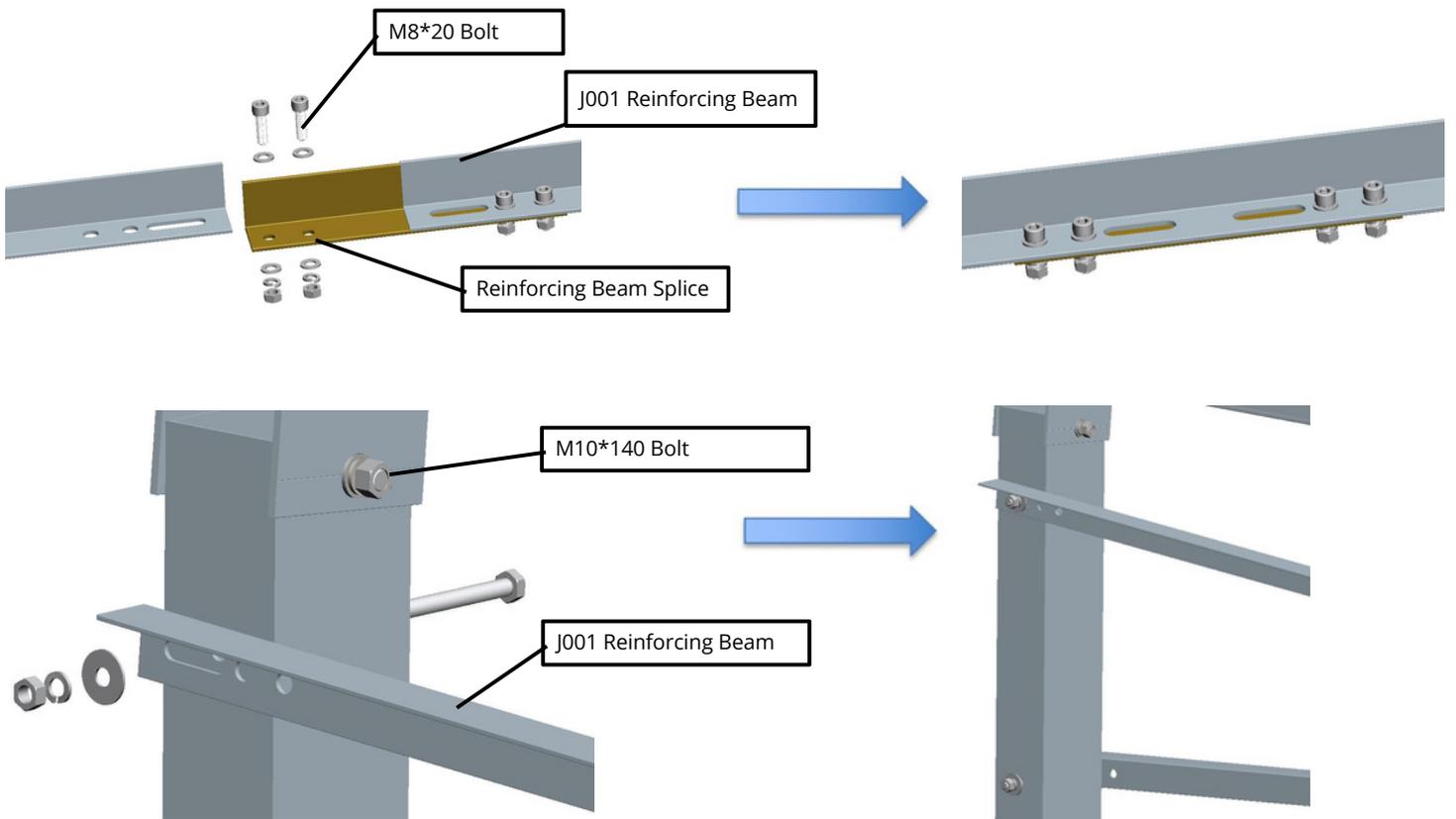
2.7 Use rail clamp to fix R034 rail to Beam



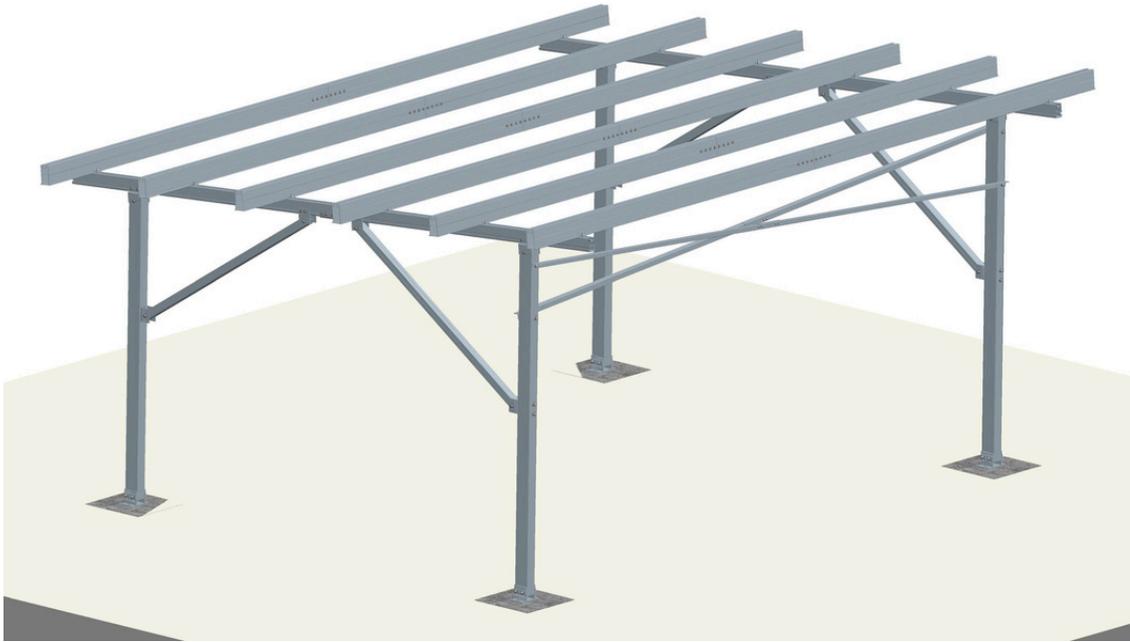
Tips: pls install the rail clamp as following steps



2.8: Use 4pcs of M8*20 bolt of Reinforcing Beam Splice to connect 2pcs of Reinforcing Beam, then use M10*140 to connect the Rear Pillar

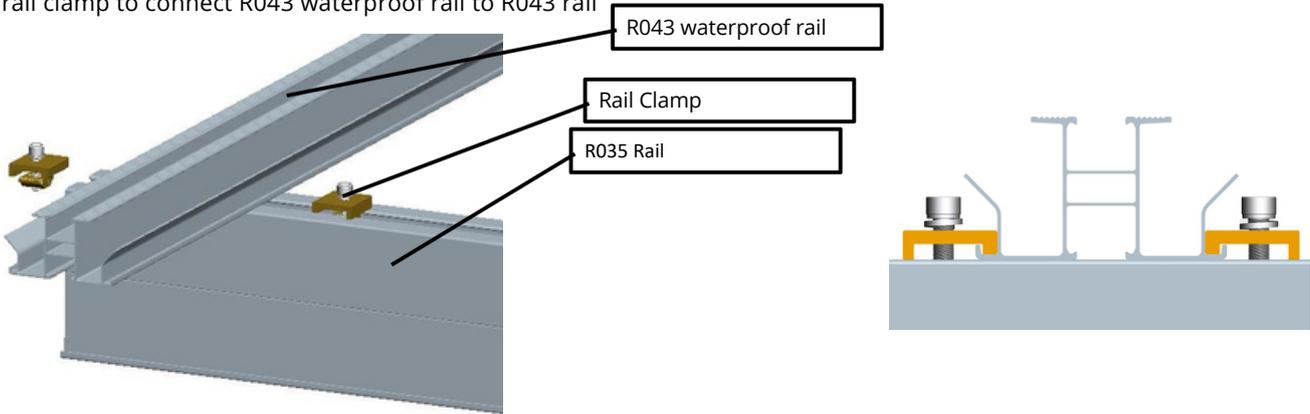


Completed

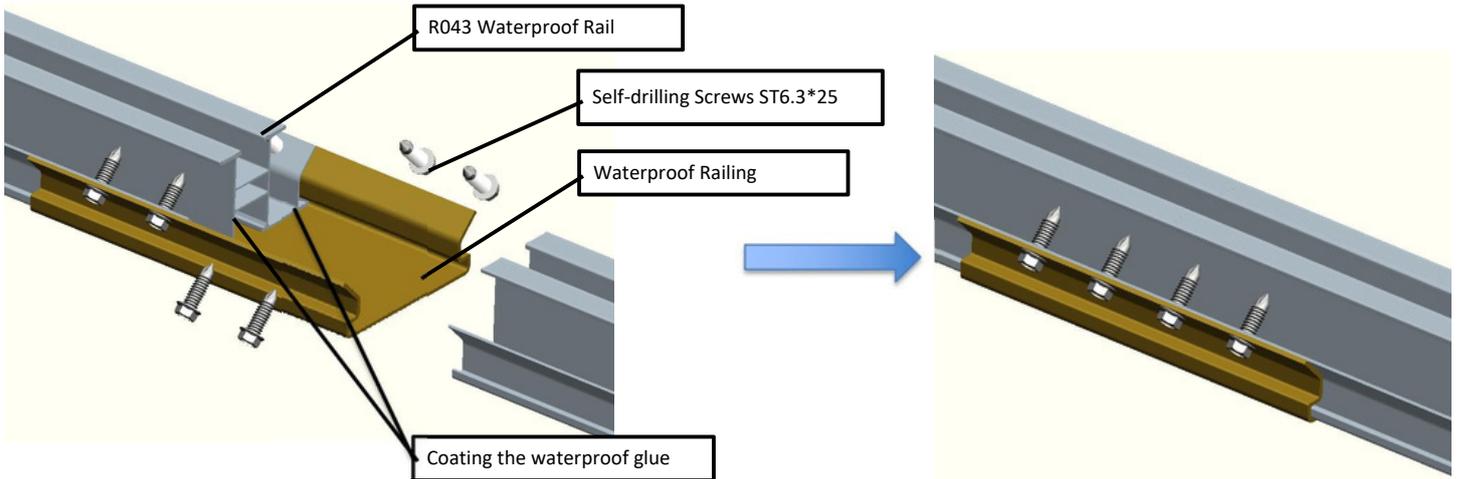


2.9 Install R043 waterproof rail

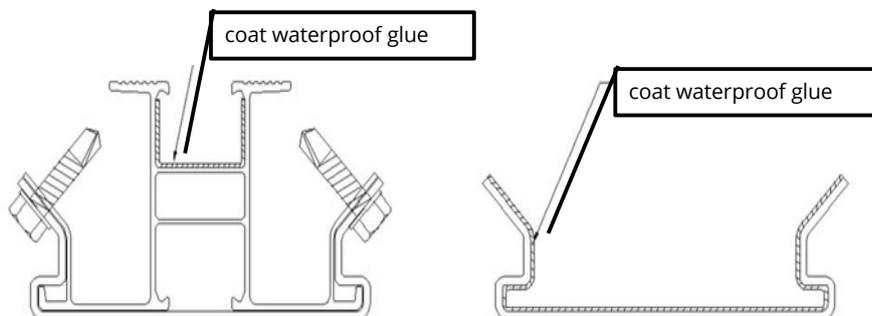
①. Use rail clamp to connect R043 waterproof rail to R043 rail



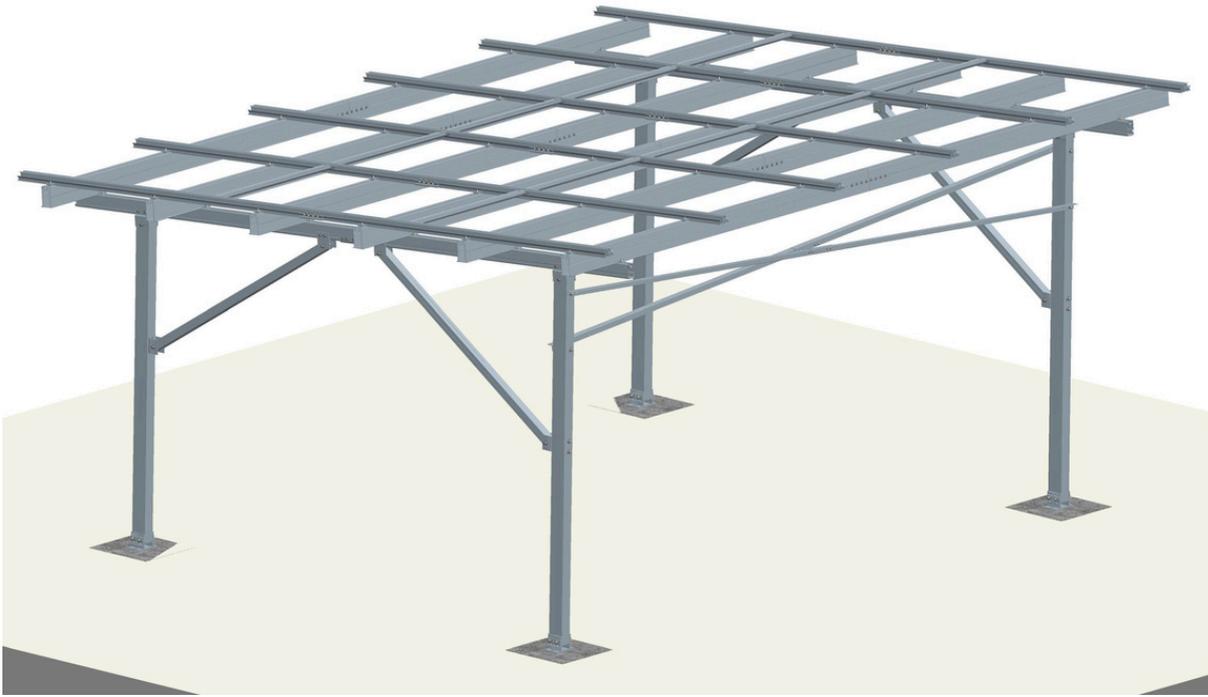
2. Use Waterproof Railing Splice to connect 2 pcs of R043 waterproof rail, 使用连接件将两根R043防水导轨连起来, 每个连接件配4颗自攻钉



Tips: Coating the waterproof glue to guarantee waterproof

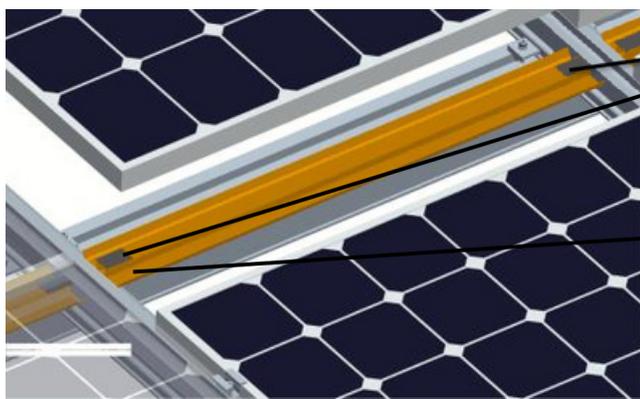
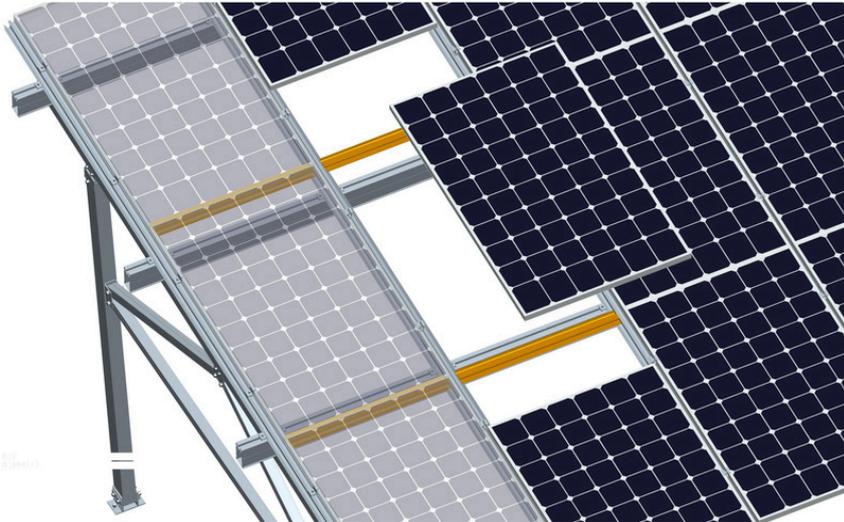


Completed



2.10 : Install solar panel,U Shape Rail (guiding gutter and gasket

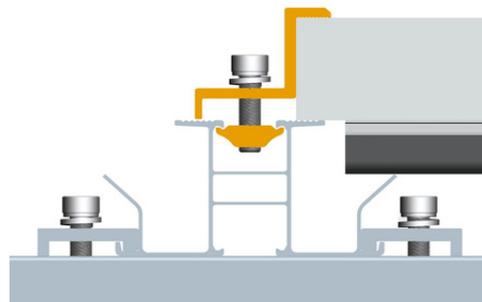
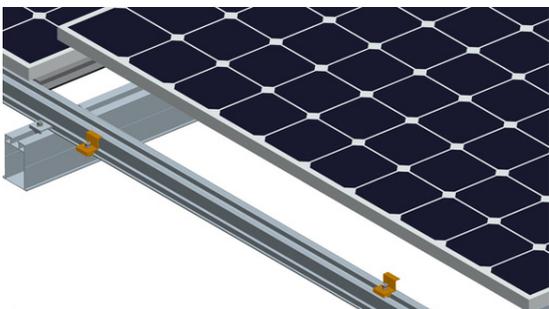
① Put U Shape Rail (guiding gutter) between rail and panel,and fixed by panel.



Gasket

U Shape Rail (guiding gutter)

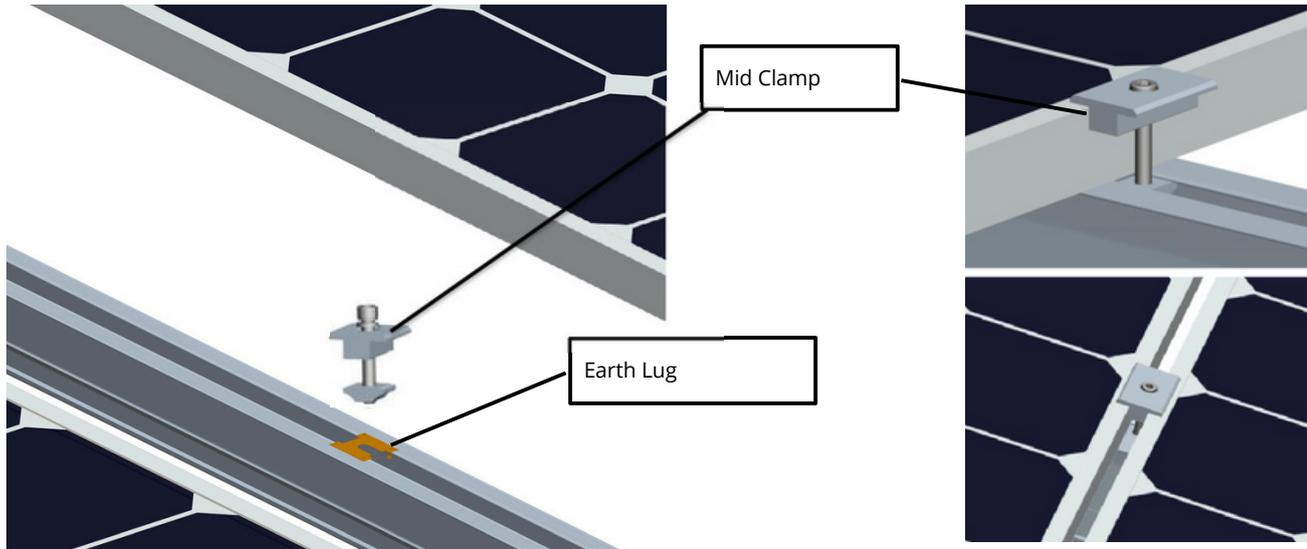
2.11 : Install End clamp



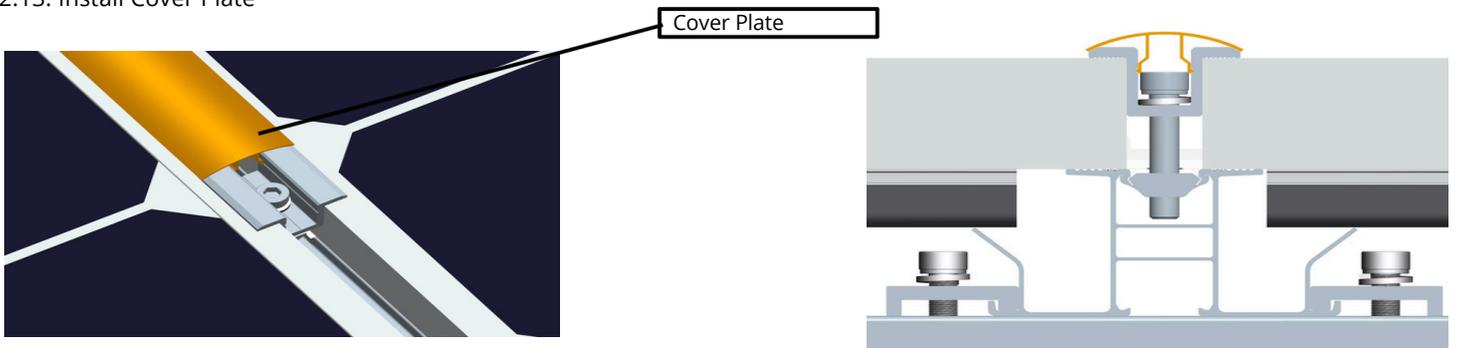
2.12 : Install Mid clamp,Earth Clip

①:Put earth lug under mid clamp,and then fix the solar panel.

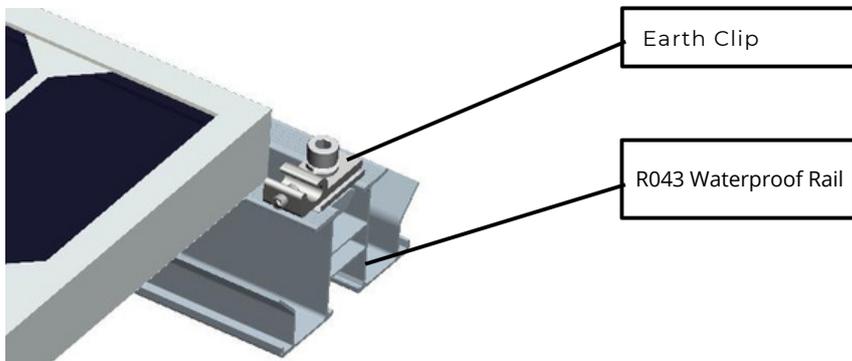
② : Earth lug will break the oxidation film of rail and panel to conduct electricity



2.13: Install Cover Plate



2.14 Install Earth Clip



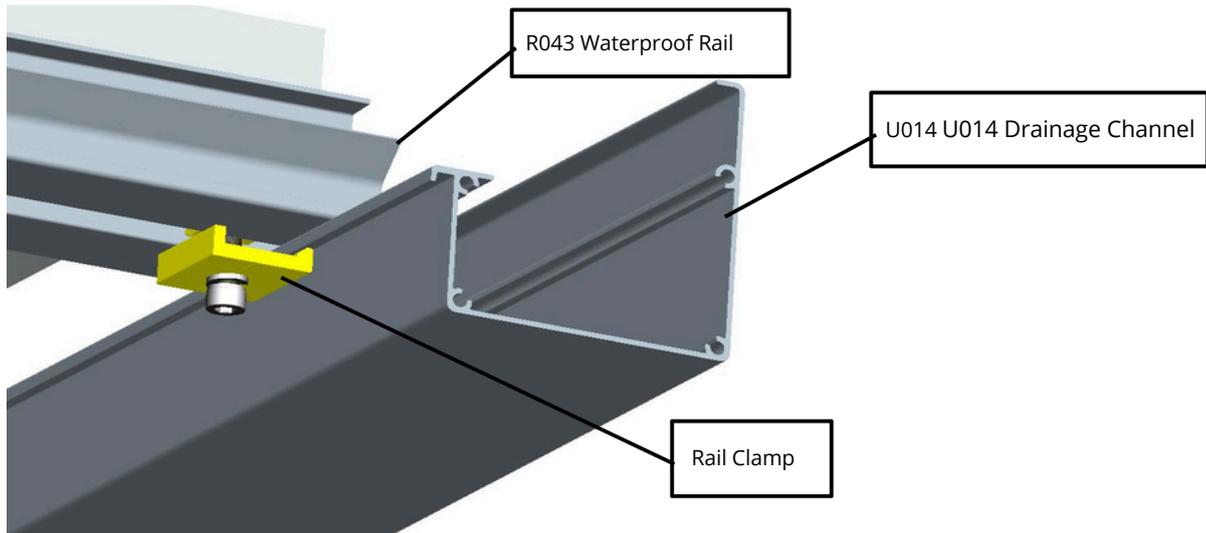
Completed



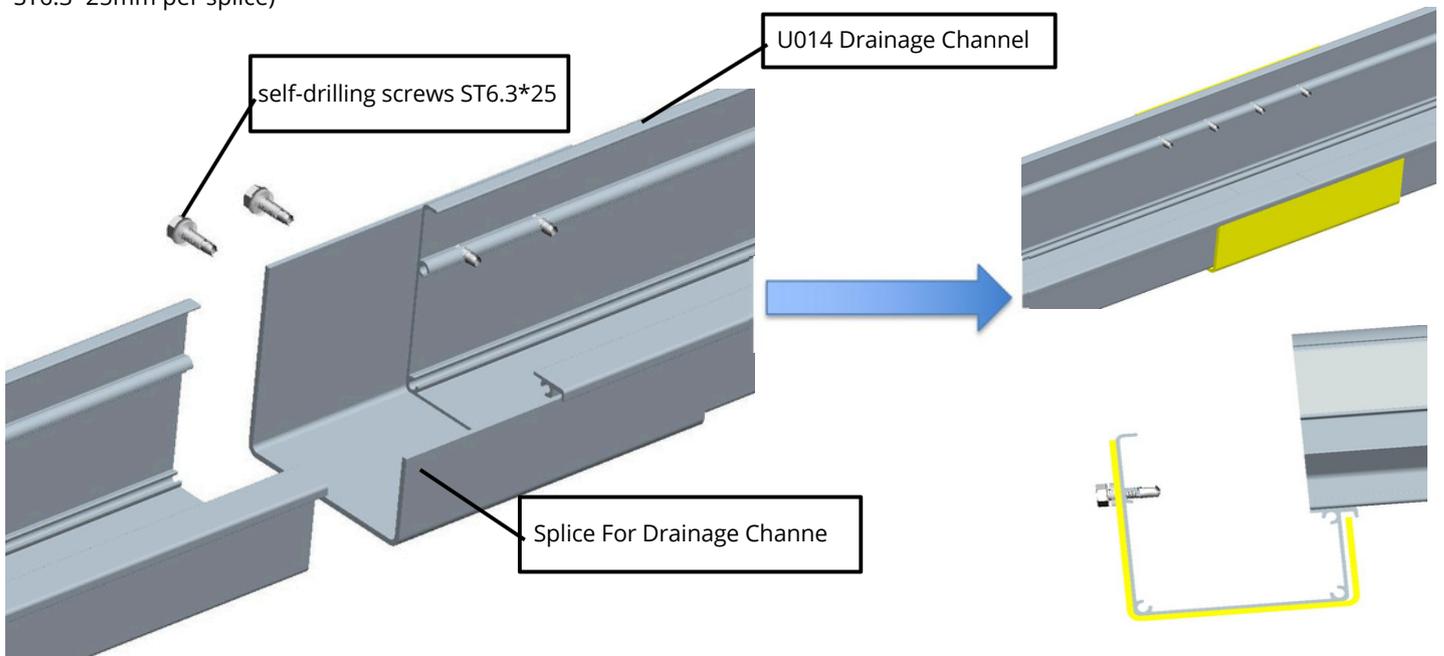
3. Install Drainage System

3.1 Install U014 Drainage Channel

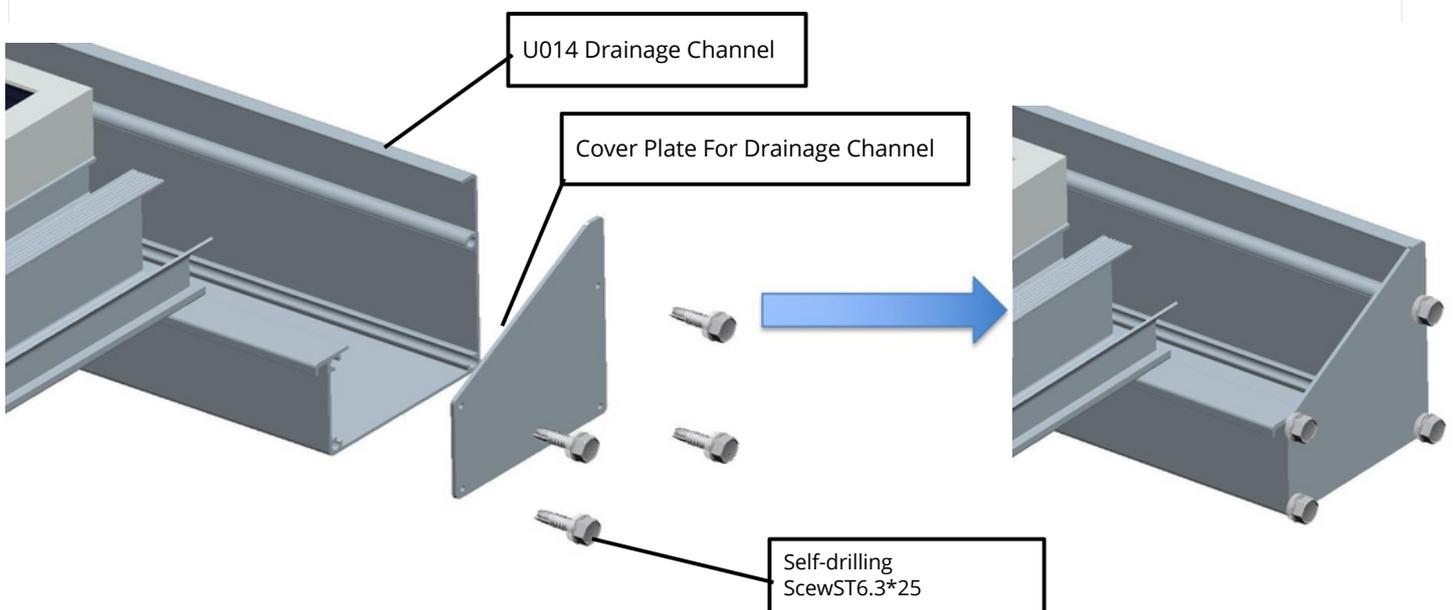
Tips : Use Rail Clamp to fix U014 Drainage Channel under R043 Waterproof Rail



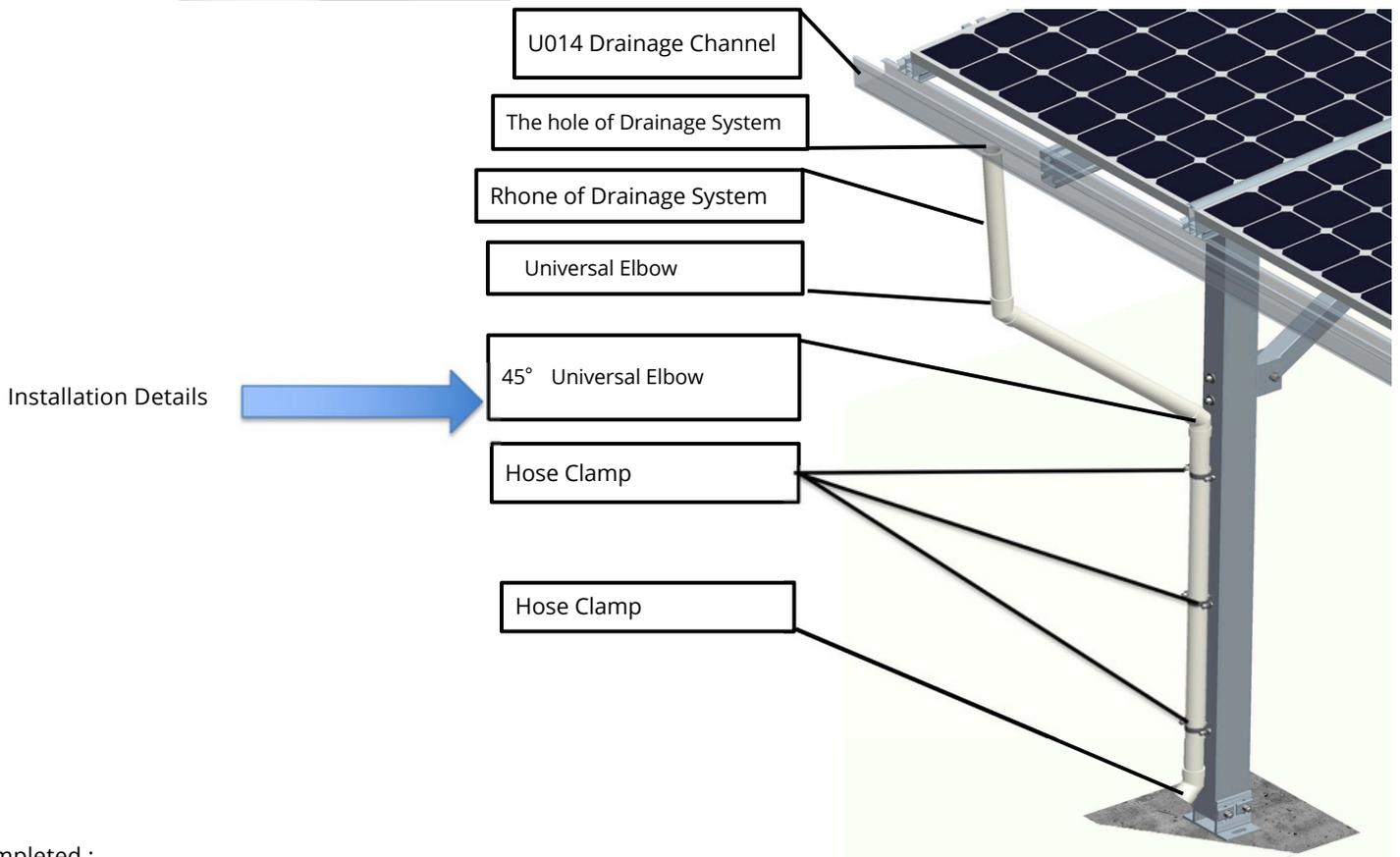
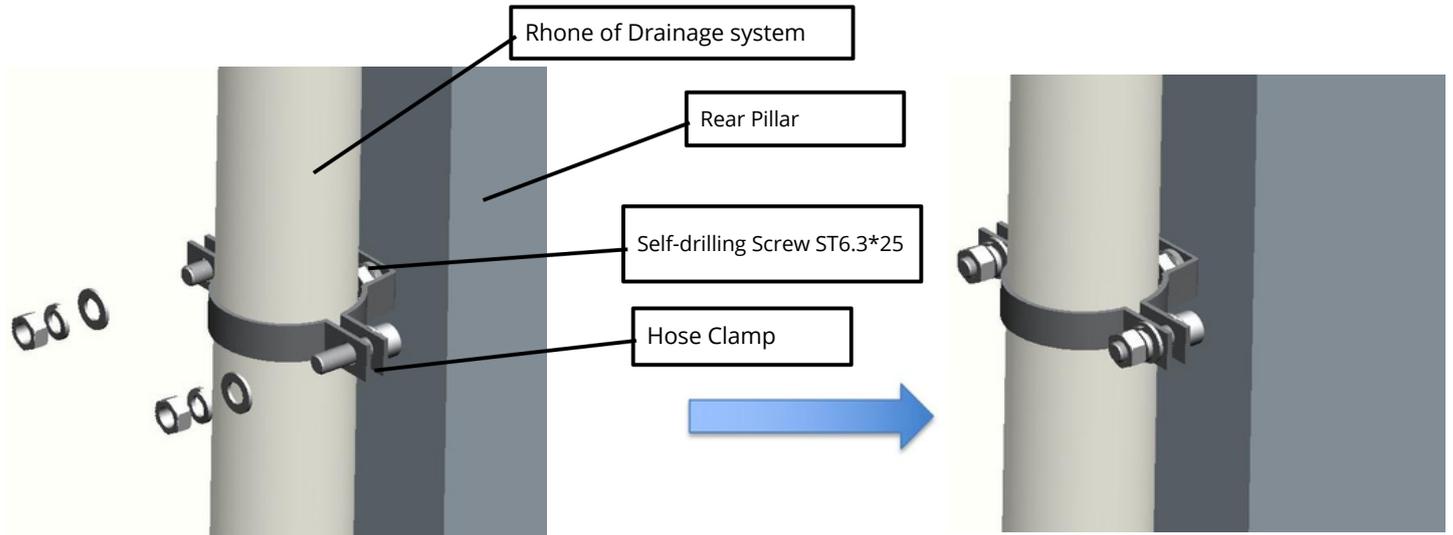
3.2 Use Splice For Drainage Channel to connect 2pcs of U014 Drainage Channel (There are 4pcs of self-drilling screws ST6.3*25mm per splice)



3.3 Use 4pcs Self-drilling Screws ST6.3*25 of Cover Plate For Drainage Channel to cover 2 sides of U014 Drainage Channel



3.4 Install Rhone/Drainer/Elbow of Drainage system to the rear pillar with self-drilling screws ST6.3*25 and Hose Clamp



Completed :

