

Cantaport made in Japan certified to AU standards

PJF-series Y connection manual

HZ1748-E

Thank you very much for choosing our company's Cantaport products.

Please be sure to thoroughly read these instructions for assembling the Cantaport product in conjunction with the engineering details. DIY or Authorised Cantaport installations must follow the manufactures assembling manual to avoid warranty cover.

Please retain the manual for future reference and maintenance inspection.

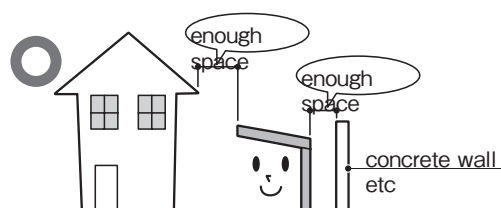
Precautions during construction

TO BE READ INCONJUNCTION WITH THE PJF SINGLE INSTALLATION MANUAL.

✓	Structural Aluminum Frame
✓	Anodized Surface Finish
✓	Certified to 147KM wind rating
✓	Integrated Built in Gutter & Down Pipe attachment
✓	Resilient, Compact, Weatherproof Corrosion & Termite free, long lasting
✓	D.I.Y Kits, Pre Cut, Pre Drilled, Flat Pack including all fixings
✓	Manufactured in Japan & Certified to AU/NZ and International Standards



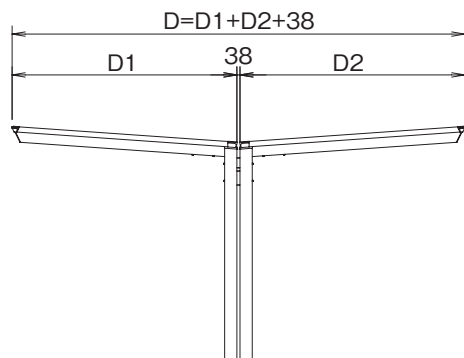
- ☐ The Cantaport is a simple structure. Do not change or remodel it without gaining certification from Cantaport to avoid warranty or danger to public.
- ☐ The snow accumulation strength is 600N/m² (61.2kg/m²) which corresponds to 20cm of fresh snowfall (specific weight 0.3). Do not install in heavy snow area.
- ☐ Do not install it in the place where snow slides down from the building roof directly. There is a possibility that products are damaged by snow falling.
- ☐ When installing it besides wall, etc., keep enough clearance between the product and the wall due to avoid damage during strong winds. 100mm-200mm clearance.
- ☐ Do not install in locations subject to strong wind directly/constantly underneath the roof.



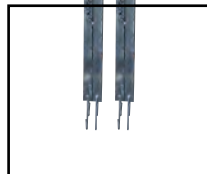
HEAT REDUCTION POLYCARBONATE	
AO	Blue Smoke
✓	Blocks out 99% UV Rays
✓	Reduces Heat by 83%
✓	250 Times Stronger than glass
✓	Allows 50% Filtered light
✓	Solid Polycarbonate
✓	Guaranteed to not crack* <small>*Installed as per manufactures manual</small>

- ☐ When installing, it is recommended to install the front frame facing towards the building to reduce the wind effect.
- ☐ When installing with side panel please be sure to install the support post.
- ☐ Positioning the posts so that they do not affect underground services (water supply, drain pipes, etc.).
- ☐ When moving the posts, please follow the manufactures specifications detailed in this manual.
- ☐ Install so that the exhaust of hot-water steam, heating fumes and/or car exhaust do not directly hit the surface of the supports and around the entire frame. This may cause discolouration of the surface structure.

Dimension figure

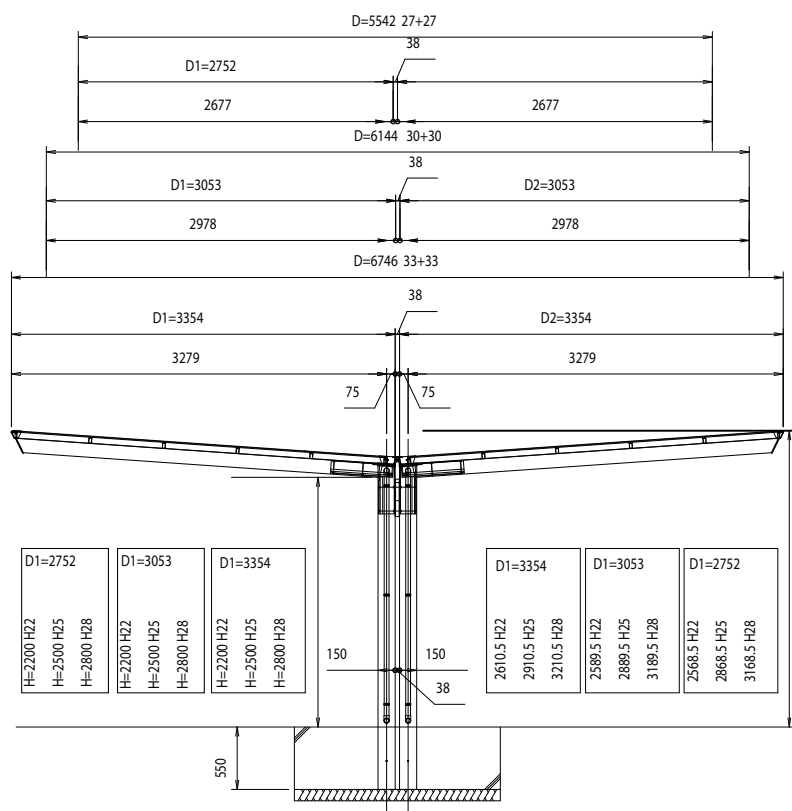


50mm



BACK TO BACK OF METAL SLEEVE
TO BE 50MM APART. THE POST IS 6mm gauge x 2=12mm
12mm + 38mm is 50mm clearance.

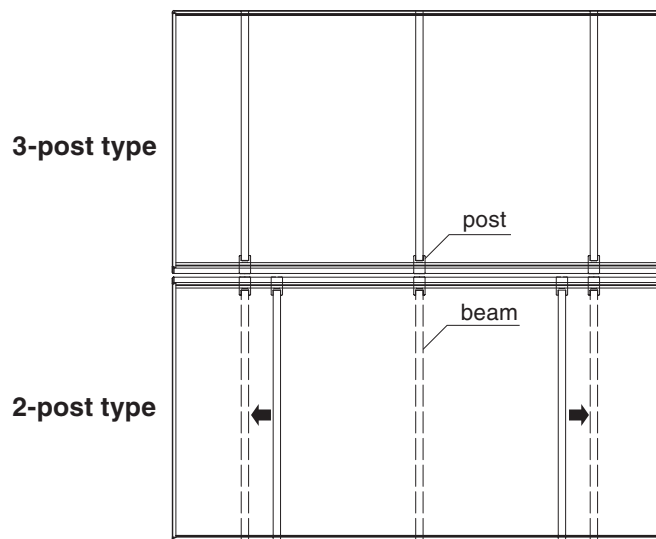
Footing size is 1000x1000x1000



PJF 5160 Y CONNECTION

Notes for M connection of 2-post type and 3-post type

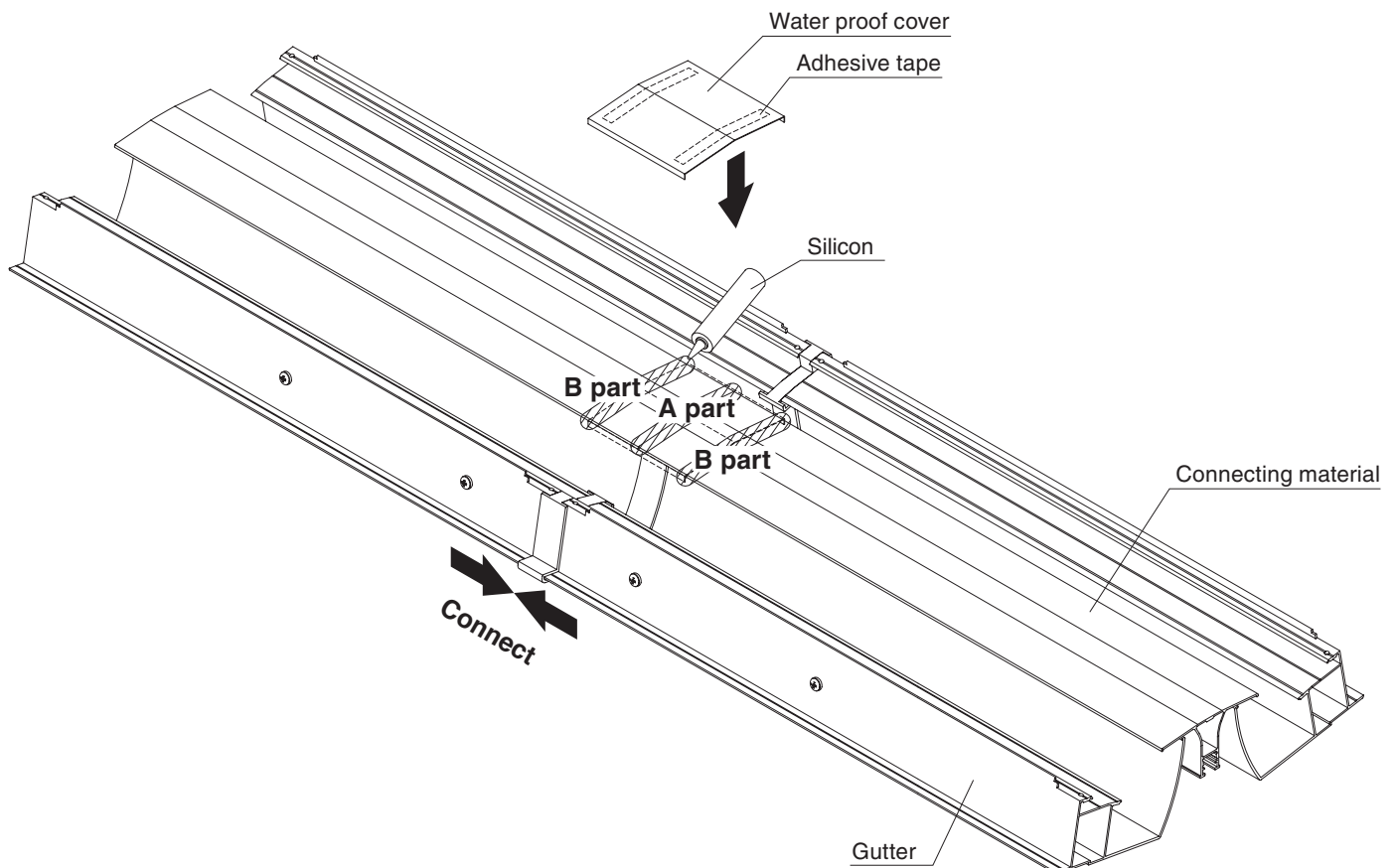
- In case of M connection of 2-post type and 3-post type, add the post and beam to 2-post type in the center.
Move the post position of 2-post type adjusting to post position of 3-post type.






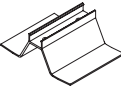





Notes for in-line connection of Y-connection type

※ In case of in-line connection of Y-connection type, cover the joint part with the water proof cover.

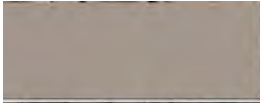
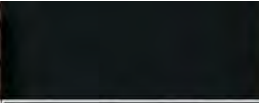
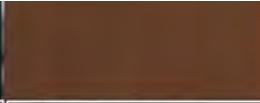

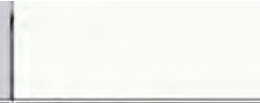
- ① Connect the front frames and do silicon work (below figure A part).
- ② Peel the back sheet of water proof cover and attach the water proof cover on the joint part. Then do silicon work to part B.



Parts contents

Parts ID	Content		
	Description	Shape	Quantity
Y-connecting set PJRG-Y14 PJRG-Y22 PJRG-Y29 PJRG-Y43 PJRG-Y50 PJRG-Y57	Connecting material		1
Y-connecting parts set PJRG-YB PJRG-YB-1	Post connecting bracket GB8095		PJRG-YB 2
			PJRG-YB-1 1
	Back plate GB8241		PJRG-YB 4
			PJRG-YB-1 2
	Gutter connecting parts GB8243		PJRG-YB 4
			PJRG-YB-1 2
	Connecting cap GB8244		PJRG-YB 2
			PJRG-YB-1 —
	Cushion GB8268		PJRG-YB 8
			PJRG-YB-1 4
	Small truss screw 5×15×10		PJRG-YB 9(8)
			PJRG-YB-1 5(4)
	Drilling screw 4×10×8		PJRG-YB 3(2)
			PJRG-YB-1 —
	Assembling manual HZ1701		PJRG-YB 1
			PJRG-YB-1 1

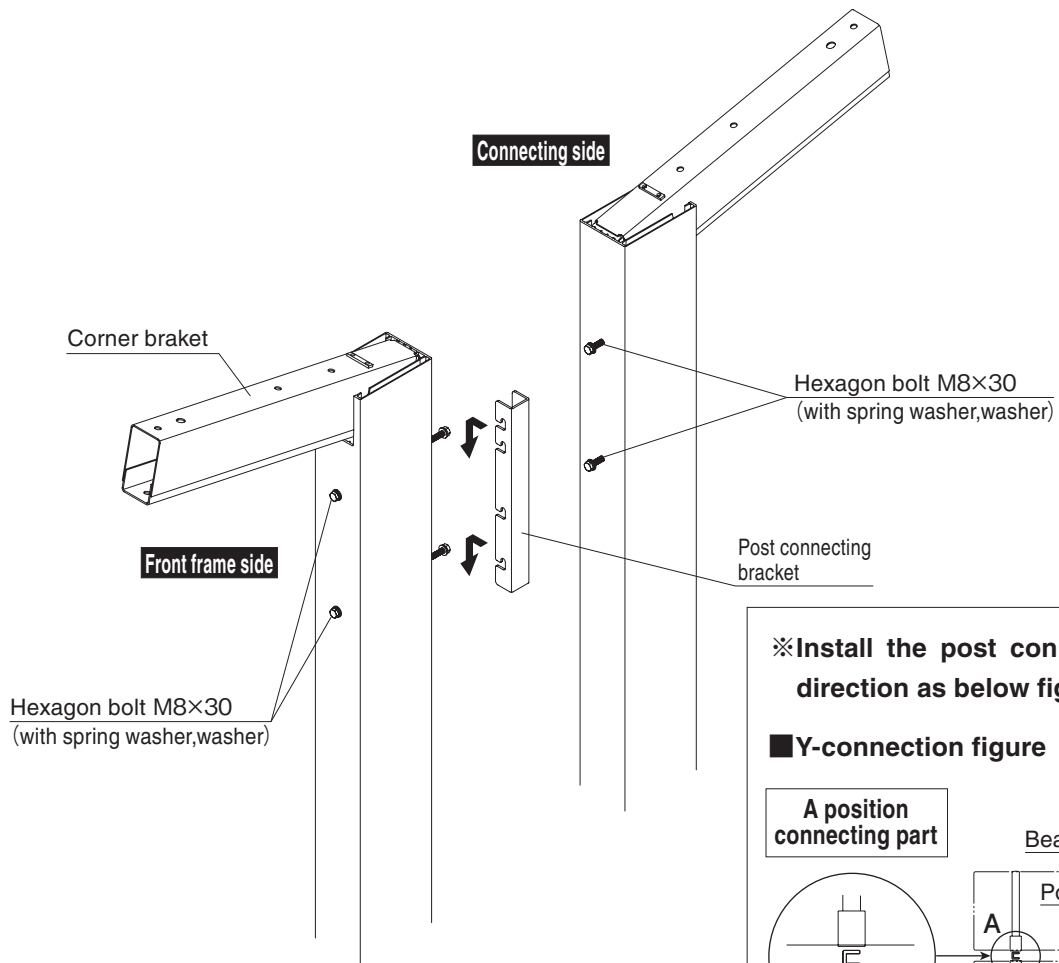


				
UC	KC	BNC	SLC	WH
Urban Gray	Black	Earth Brown	San Silver	Sand White

Installation procedure

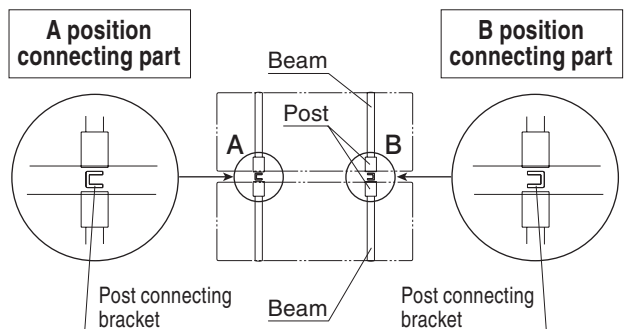
1 Installation of post

- ① Install the corner bracket temporarily with hexagon bolts and attach the post connecting bracket.
- ② After checking if the height of the post is same, fix the bolt firmly.

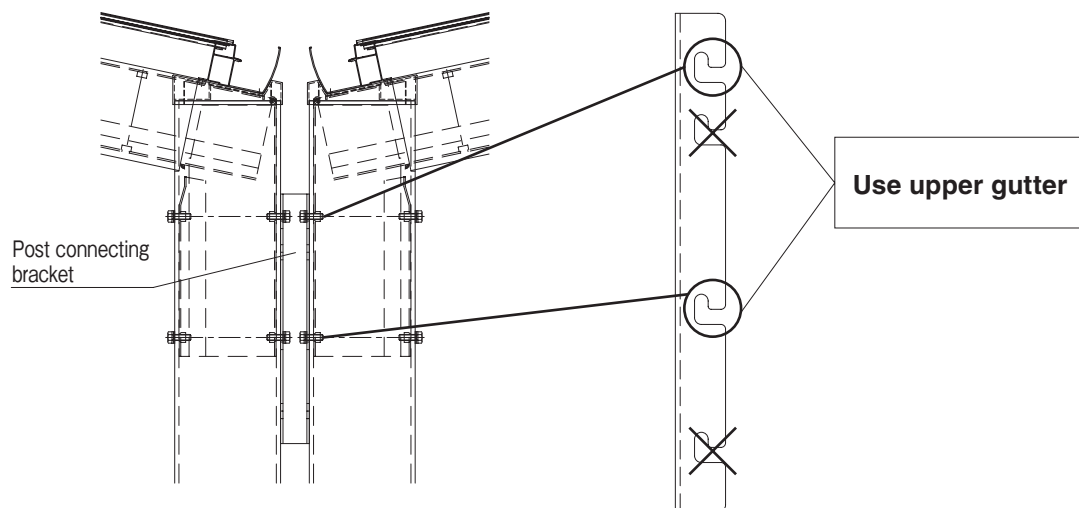


※Install the post connecting bracket in the direction as below figure.

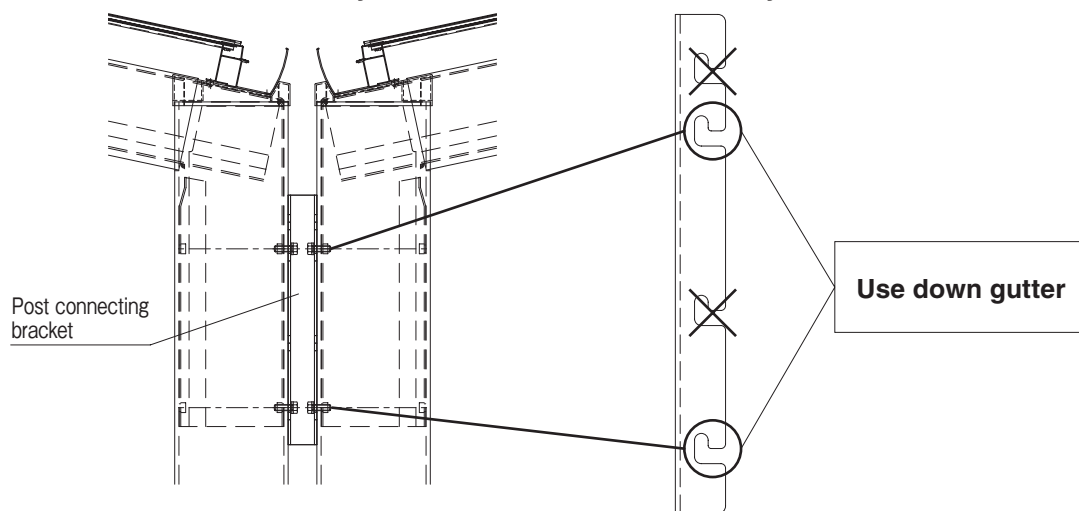
■ Y-connection figure



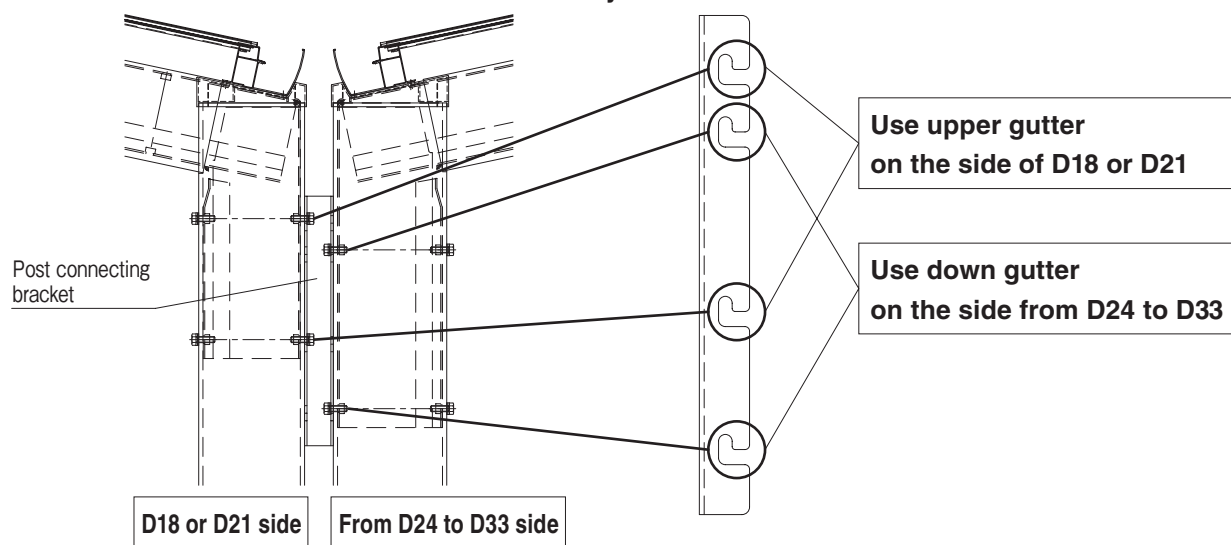
■ In case of connection of “D18 or D21” and “D18 or D21”



■ In case of connection of “Any side from D24 to D33” and “Any size from D24 to D33”



■ In case of connection of “D18 or D21” and “Any size from D24 to D33”

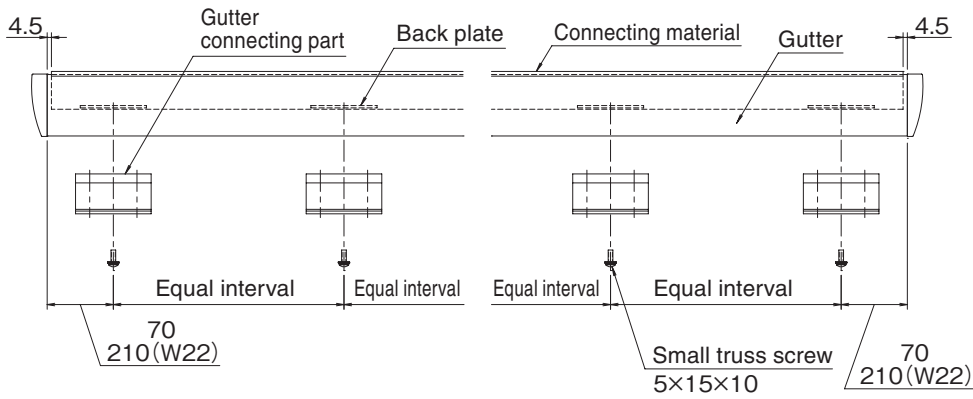


2 Installation of connecting material

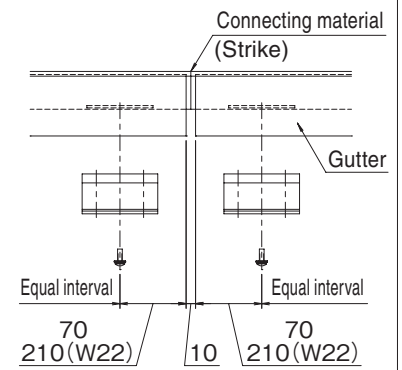
- After installation of the cantaport frame before installing the roof panels, set the connecting material on the gutters.
- ※ Be sure to install the connecting material before installing the roof panels.

3 Attach the gutter connecting parts

■ Attach the gutter connecting parts



※In case of in-line connection of Y-connecting type



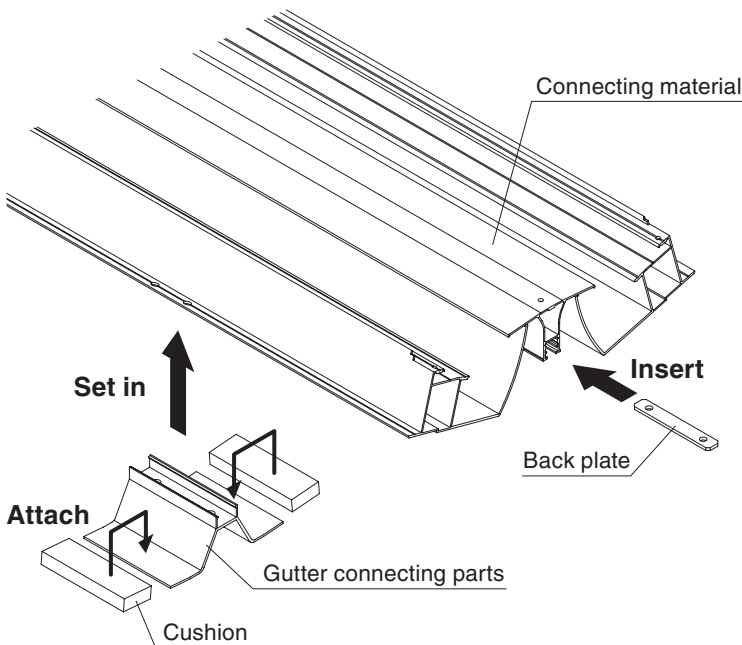
① Insert the back plate into the connecting material

② Attach the cushion on the gutter connecting parts (see figure A).

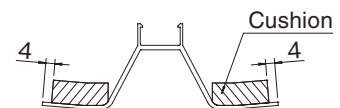
③ Hold the connecting material from upside and set in the gutter connecting parts to the connecting material.

※ The gutter connecting parts can be hooked to the connecting material temporarily by pushing up (see figure B).

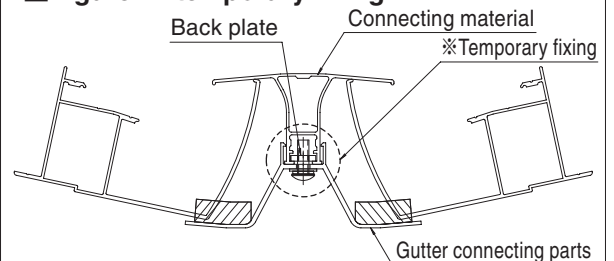
※ Position the back plate at equal interval and set in the gutter connecting parts.



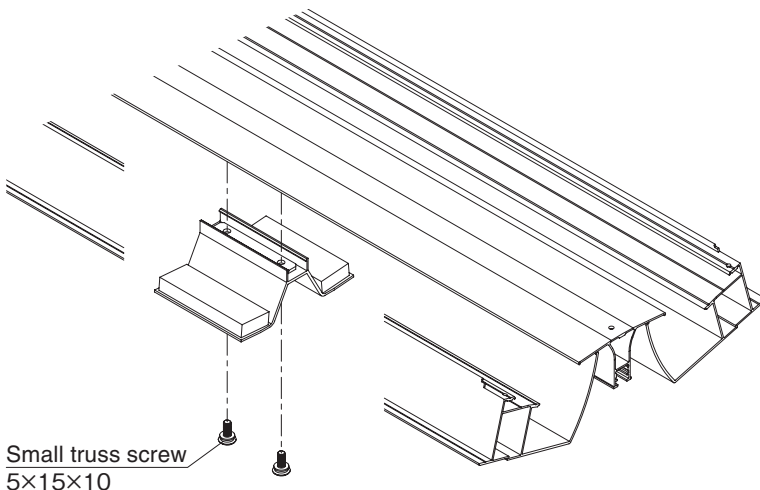
■ Figure A: attaching the cushion



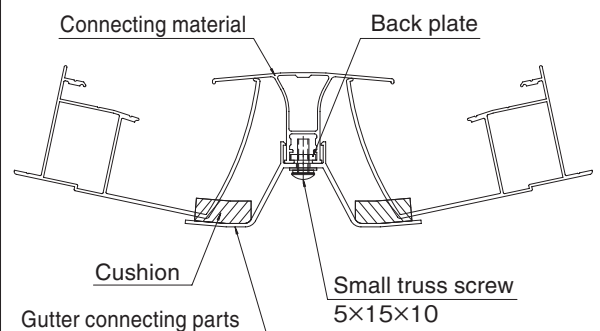
■ Figure B: temporary fixing



④ Fix the gutter connecting parts to the back plate inserted into the connecting material with small truss screw 5x15x10.



■ Section figure



4 Attaching the connecting cap

- ① Insert the connecting cap to connecting material and fix with drilling screw 4×10×8.
- ② Do silicon work to the touching part.

