



GRANROOF

-CARPORT CANOPY-

**SEP
2025**

PT YKK AP INDONESIA
ENGLISH VERSION

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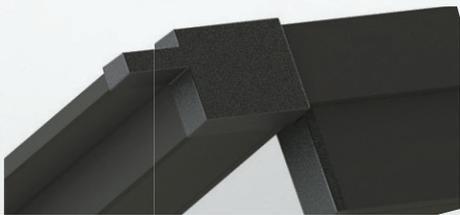
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WHAT IS G

Long Life Design With M
High-Performan

Aluminium Structure



YKK AP Aluminium finishing color use
ANODIZE PLUS trusted for exterior uses



Aluminium
(Anodize Plus)

Adjustable Structure

Adjustable roof angle (3~7°)



Roof angle is adjustable between 3~7° thanks to
the adjustable yet stable structure.

RANROOF

Modern Shapes and
Quality Materials

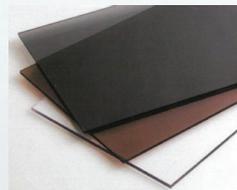


UV - Blocking Solid
Polycarbonate

Roof panel

UV-blocking solid polycarbonate by PT SBP Indonesia (Sumitomo Bakelite) with Japan quality, creating a bright space.

PT. SBP Indonesia
A Group Company of Sumitomo Bakelite Co., Ltd. JAPAN



SUNLOID
INDONESIA



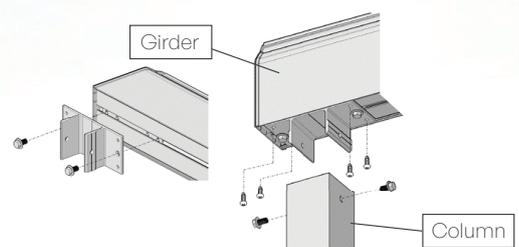
NEW VARIATION

Silver Metallic heat reflective polycarbonate.



Aluminium Foil insert for enhance heat reflection

Easy and Clean Installation



Designed & created for easy on-site assembling doesn't need welding. No need to worry about rusting

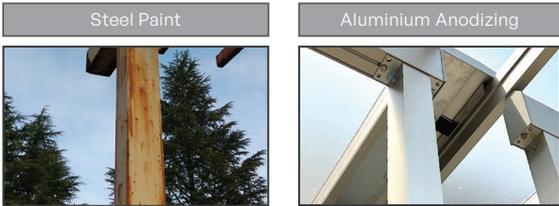
PRODUCT FEATURES

Functionality

High functionality to protect your car & family

• Non Rusting

Anodized aluminum finish that can be used for a long time without rusting



• Certain Quality (Processed by API)

Processed by manufacturer, and delivery with knock down style to maintain the quality.



• High Durability

Design Load: Up to wind speed equivalent to **32.1 m/s**, tested & passed



*Design load above: No consideration for seismic force
*With wind speed 20 m/s, human cannot keep standing

Load Capacity Test: For load capacity reaches **31.8kg/m²**

*But **“don't climb on top of carport”**
There is a risk of roof material being damaged or falling.



Quality & Performance

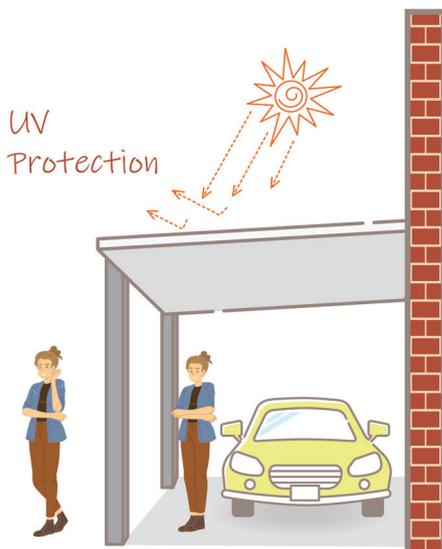
Higher performance and durability ever

• UV - Blocking

UV-blocking solid polycarbonate roof that protects your car from the sun.

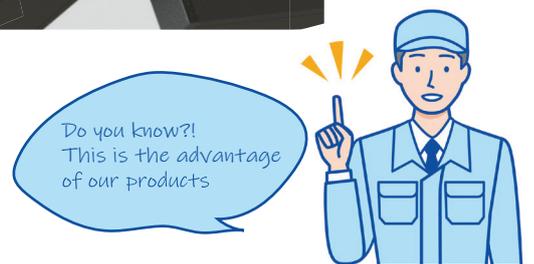
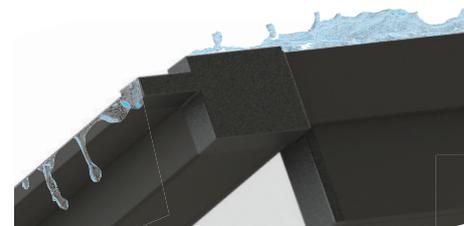
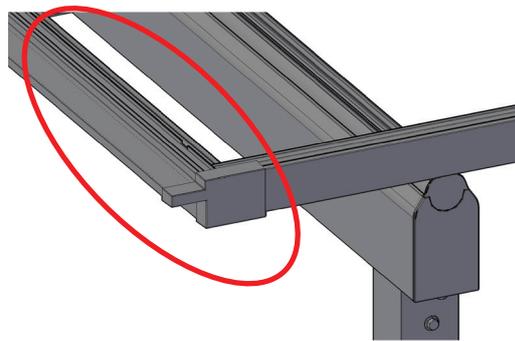
	Clear	Bronze	Gray	Silver Metallic
Color image				
Light Transmission	85%	27%	28%	11%
UV Transmission	Almost 0%	Almost 0%	Almost 0%	Almost 0%

* Polycarbonate by **PT. SBP Indonesia** **SUNLOID** Solid Flat Sheet
A Group Company of Sumitomo Bakelite Co., Ltd JAPAN



• Stylish Drainage Roof Fin

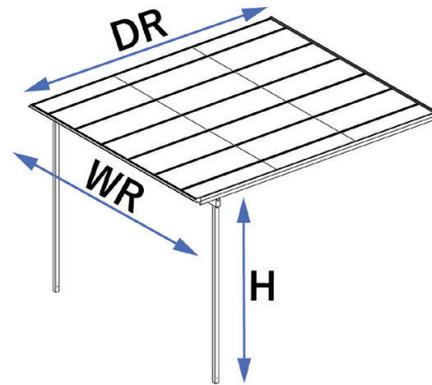
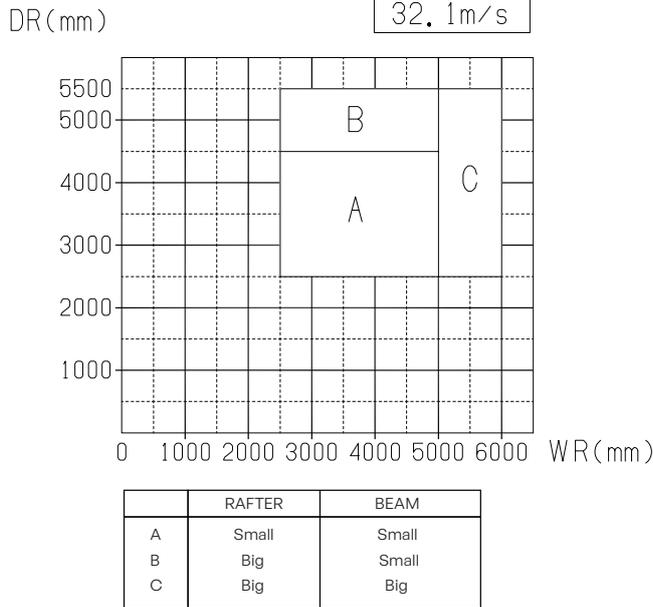
The roof shape also serves as a drain to prevent rain drips and water splash from making stains on cars or objects.



PRODUCT SPECIFICATION

Maximum size :WR6000×DR5500

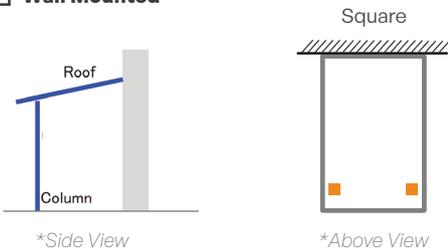
H=3000, H=3500 (Wall Mounted)



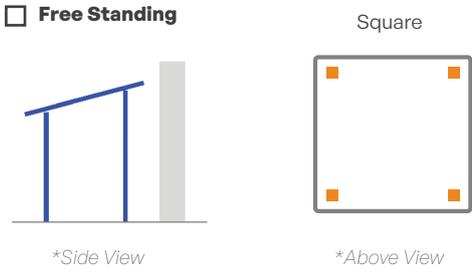
Specification *Keep your options open, because we have wide variations to choose*

Product Line Up

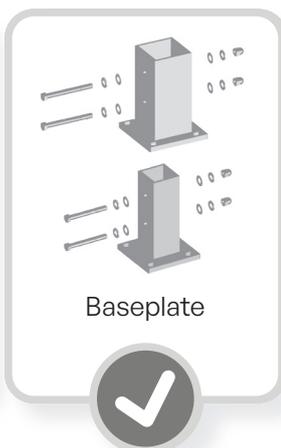
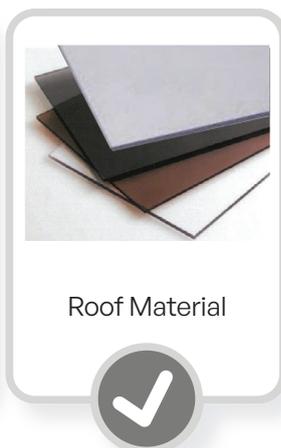
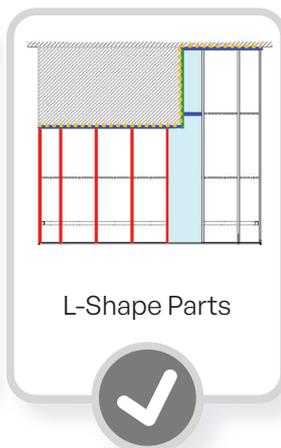
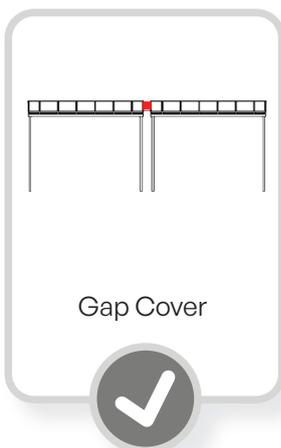
Wall Mounted



Free Standing



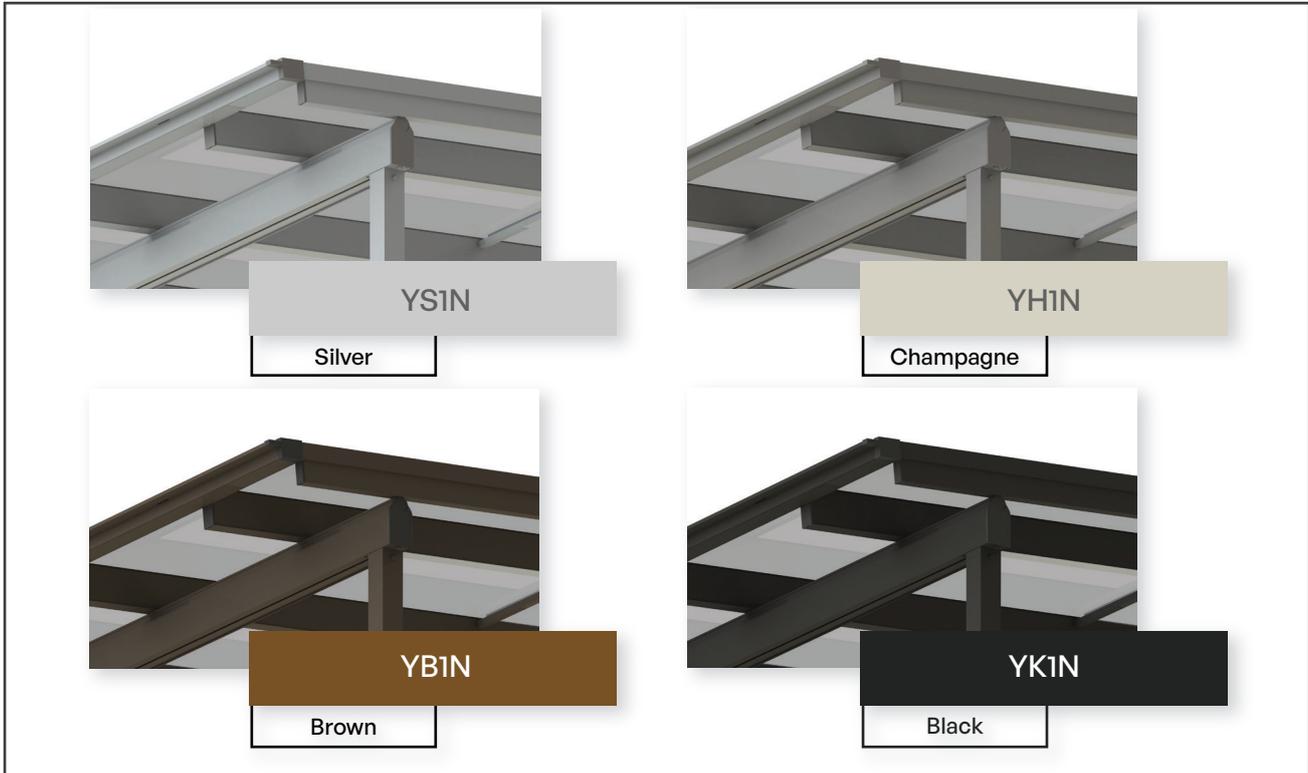
Optional Parts



COLOR VARIATIONS

Aluminium Structure : 4 Options

ANODIZED PLUS is another innovation from **YKK AP**. Anodizing with Electro Deposition process create two types of appearance, glossy and non glossy which provides an extra layer of protection on the anodized layer. Its anodized coating combined with an organic protective coating offers the dual benefit of increased resistance to stain and color degradation.

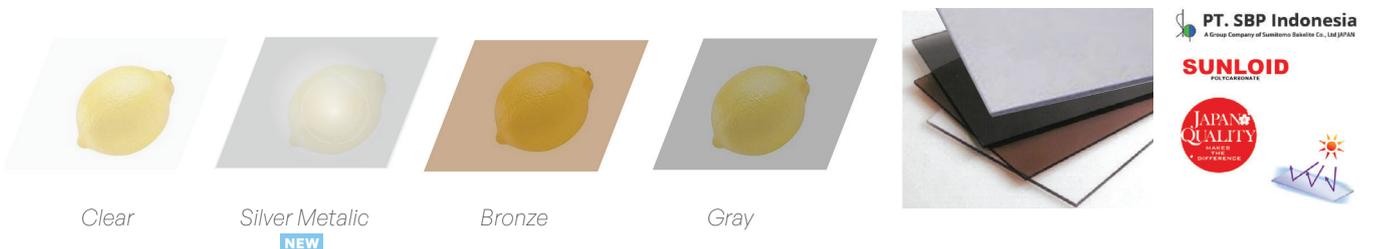


Roof Polycarbonate : 4 Options

UV - blocking solid polycarbonate by PT SBP Indonesia (Sumitomo Bakelite) with Japan quality, creating a bright space.



*Illustration Image



GENERAL CARPORT PRODUCT

To support our GRANROOF development, we conducted survey to see actual carport in various locations with different materials.

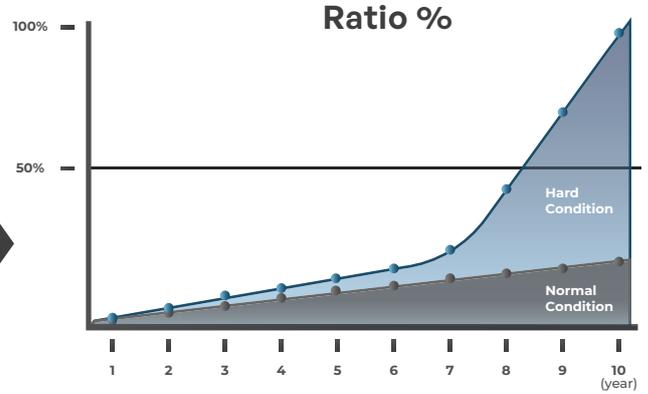
Structure (Steel)



From the survey, most of carport that use Steel got rusted, cracks, and the paint peeled at welding joint

Result Summary

Bad Structure material condition



* Hard Condition : Nearby sea

After around 8 years passed with steel structure, especially in hard conditions, the ratio of bad condition goes **nearly 90%**

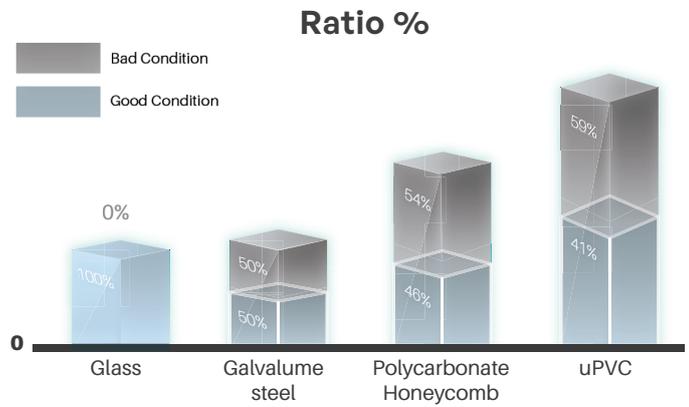
Structure (Roof)



Most of Roof material that we surveyed got rusted and look dirty after several years installed

Result Summary

Bad roof material condition



Roof materials expect glass have bad condition for **more than 50%** rate.

In Japan, Carport using Aluminium as structure and Solid Polycarbonate as roof materials, is already proved to have long life without rust and molding. Still feels like new, even after 20+ years passed.



PRECAUTIONS

• About the Price List

- The prices listed in this catalog include polycarbonate, installation fees, and assembly fees
- The price list is listed in units of WR, and less than DR should be rounded up
- Ex) WR 4650 x DR 3800 = The price will be 5000 x 4000

• Delivery Destination

Only DIS warehouse or workshop, on-site delivery is not possible (Can be picked up at the factory upon request)

• Quality Assurance

2 years for the product GRANROOF

10 years for aluminium surface treatment of profile, 2 years for parts

*Please check below for disclaimers

YKK AP Indonesia's official distributors guarantees for the quality of assembly, installation, and sealing request)

• Disclaimer

Even within the warranty period, repairs will be charged in the following cases :

- Problems when installed in a place that requires performance that exceeds the performance of this product
- Defects caused by processing, assembly, construction (foundation work, installation work, sealing work, etc.), management, maintenance, etc. by a third party that is not arranged by our company (Example: Corrosion due to using sea sand or mortar using accelerator materials. Corrosion due to the use of cleaning agents other than neutral detergents. Discoloration and corrosion due to poor curing during construction, etc.)
- Product defects caused by defects other than the product, such as deformation of the building frame
- Defects such as changes in products or parts over time (wear and tear due to use, etc.) or deterioration over time (changes in quality of resin parts, discoloration, etc.)
- Corrosion or other defects caused by the natural environment or living environment around the product (for example, corrosion caused by salt damage, dust in the atmosphere, soot, various metal powders, sulfurous acid gas, ammonia, corrosion caused by car exhaust gas, abnormal high temperature, low temperature, high humidity etc)
- Problems caused by natural disasters or other force majeure (for example, windbreaks, heavy rains, storm surges, earthquakes, lightning strikes, floods, land subsidence, fires, tsunamis, eruptions, etc)
- Problems caused by small animals such as dogs, cats, birds, and mice
- Problems caused by operational errors after delivery, improper adjustment, or improper maintenance
- Problems caused by customer's own assembly, processing, installation, repair, modification
- Defects caused by use for purposes other than the intended purpose, or defects caused by use in a manner different from the intended use.
- Damage or malfunction caused by illegal acts such as crime

* Fee will be charged for replacement after the warranty period has expired

* This document does not limit customer's legal rights. If customers have any questions about repairs after the warranty period has expired, please contact our sales office

WALL MOUNTED

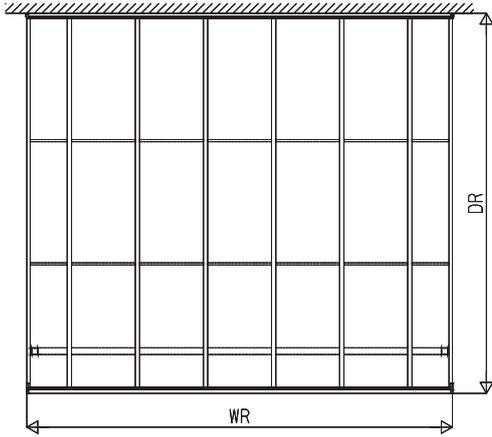
SQUARE



WALL MOUNTED (TYPE A)

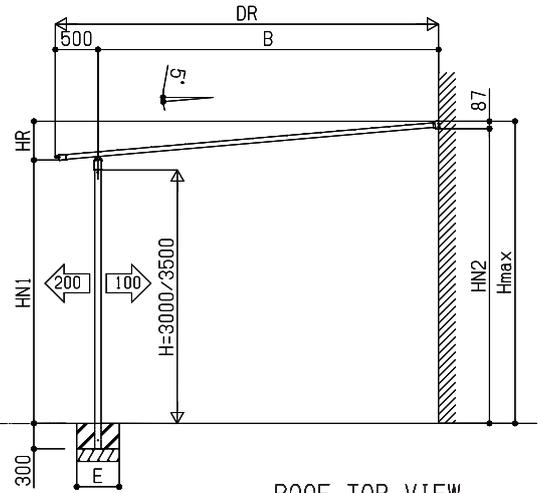
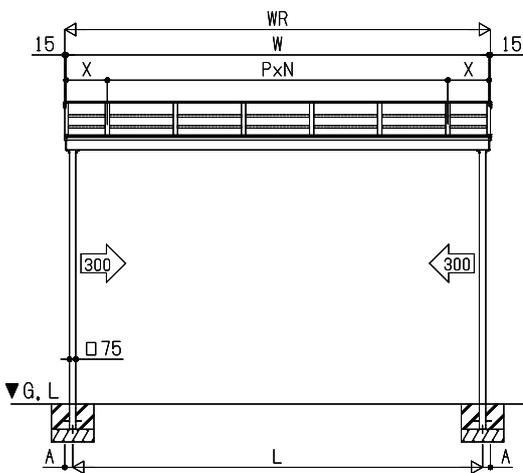
SQUARE

SYSTEM DRAWING

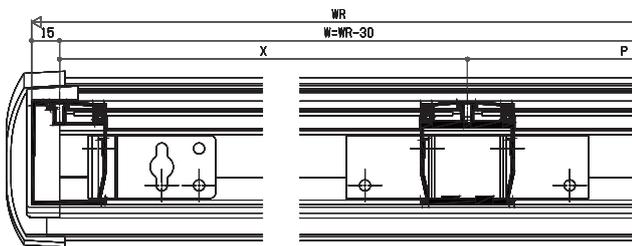
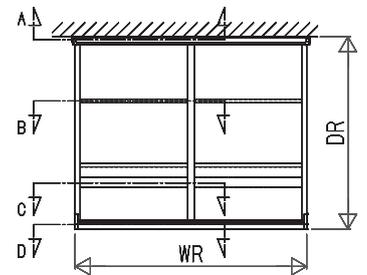


- WR : ROOF WIDTH
- W : MEMBER LENGTH
- L : DISTANCE BETWEEN COLUMNS
- P : RAFTER PITCH
- X : RAFTER END PITCH
- A : COLUMN POSITION

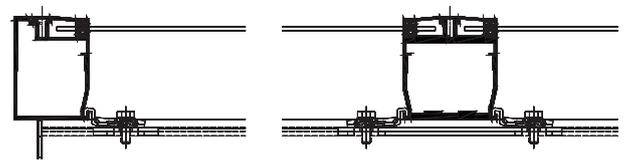
- DR : ROOF DEPTH
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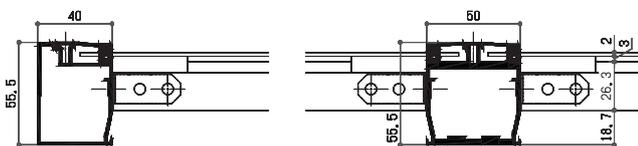
ROOF TOP VIEW



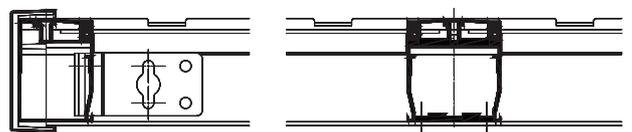
A-A SECTION



C-C SECTION



B-B SECTION

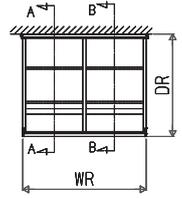


D-D SECTION

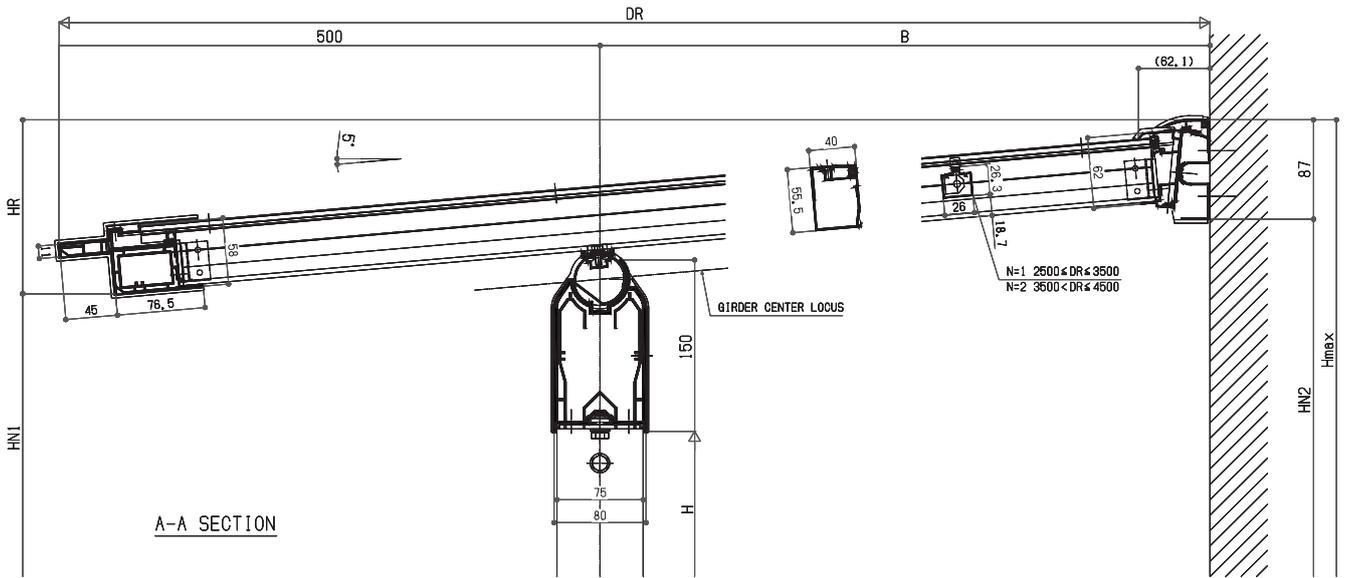
WALL MOUNTED (TYPE A)

SQUARE

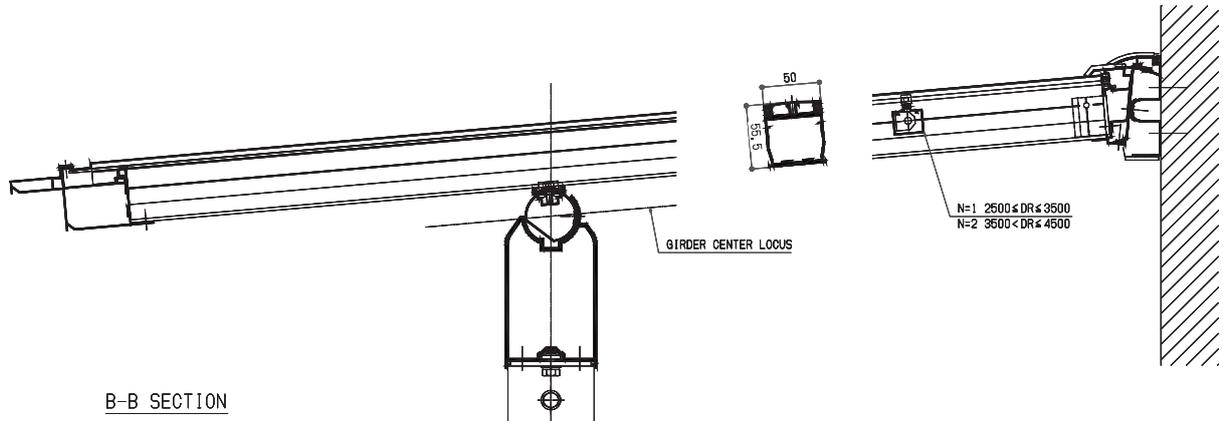
SYSTEM DRAWING



ROOF TOP VIEW



A-A SECTION

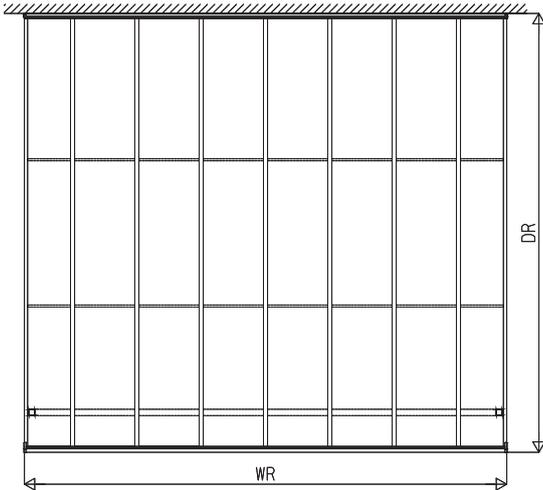


B-B SECTION

WALL MOUNTED (TYPE B & C)

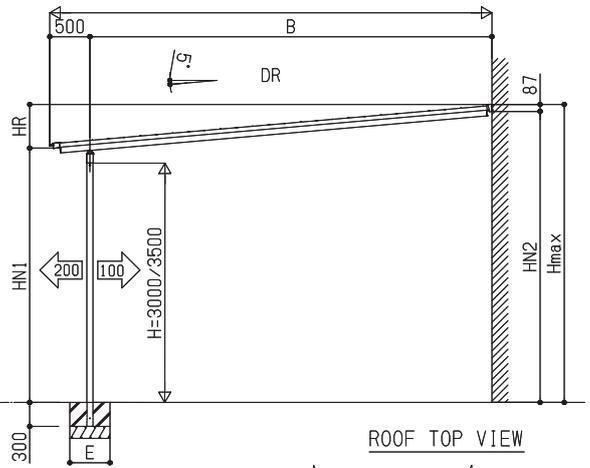
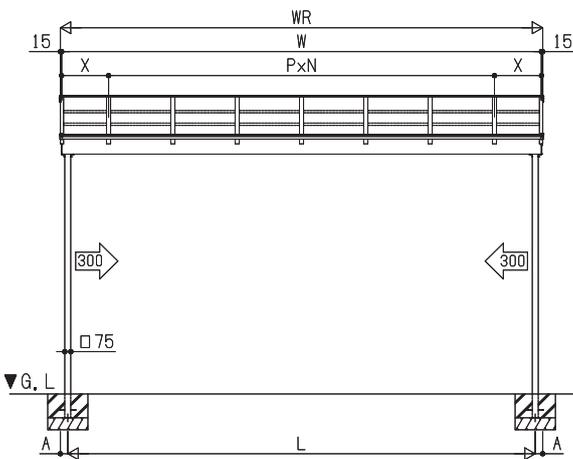
SQUARE

SYSTEM DRAWING

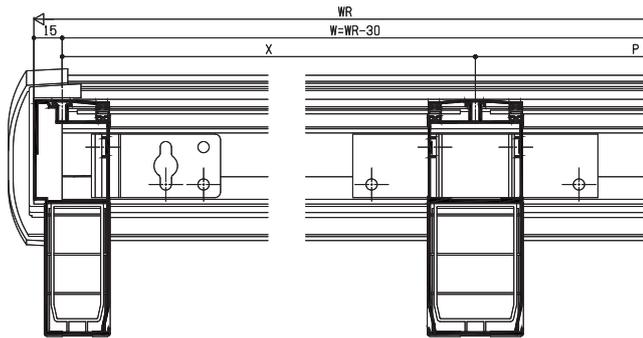
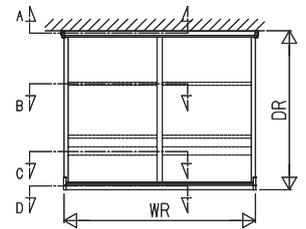


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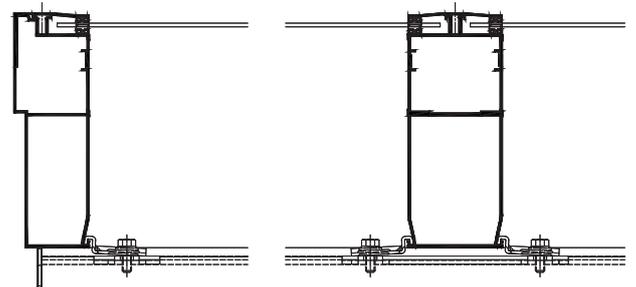
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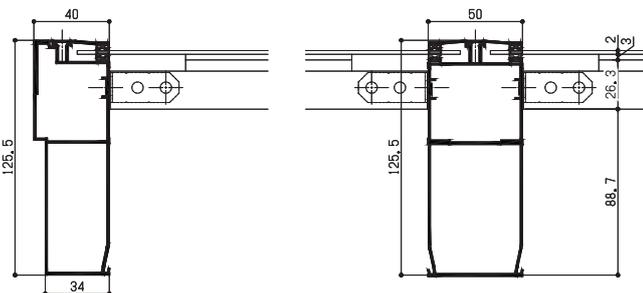
ROOF TOP VIEW



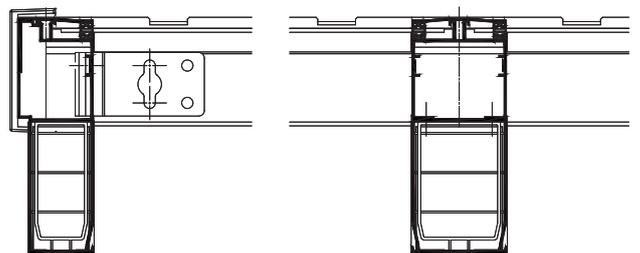
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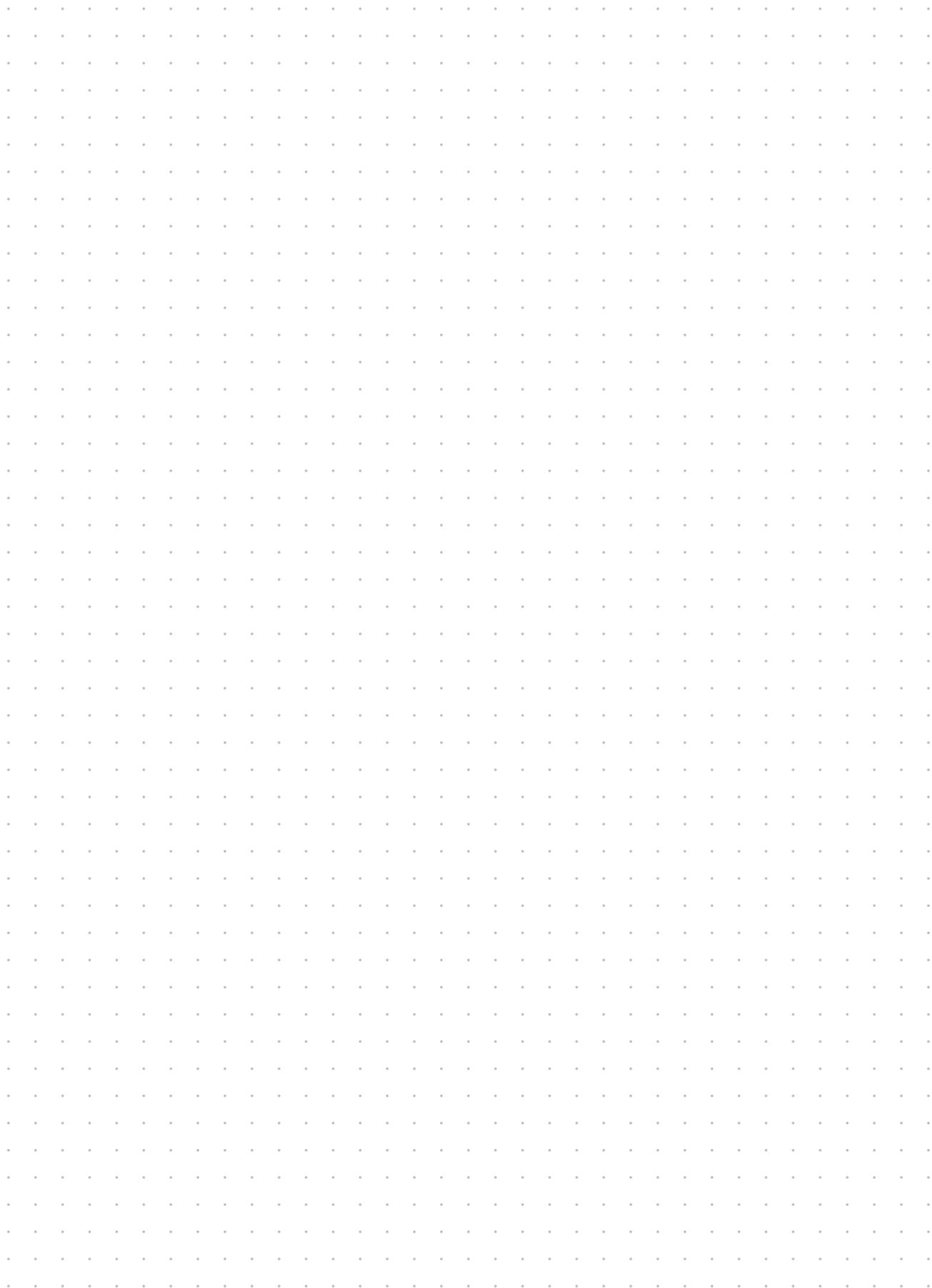
C-C SECTION



B-B SECTION



D-D SECTION



FREE STANDING

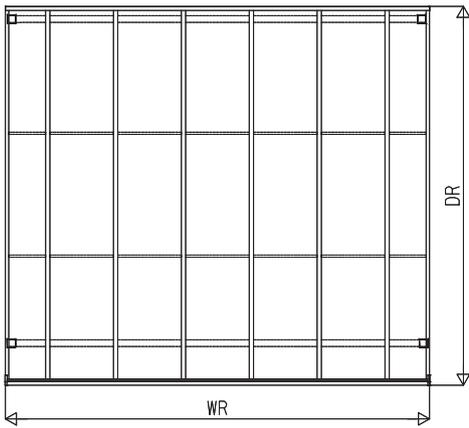
SQUARE



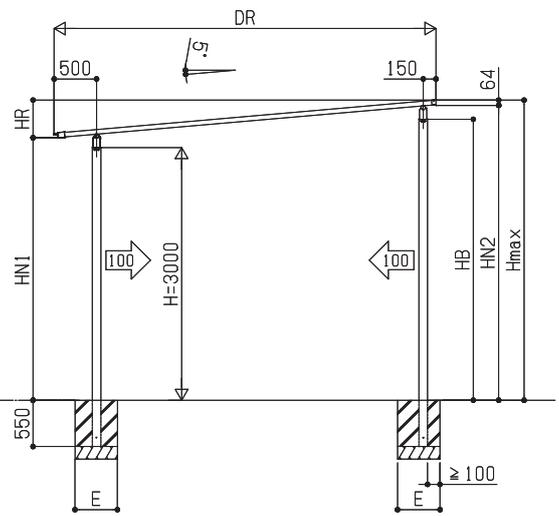
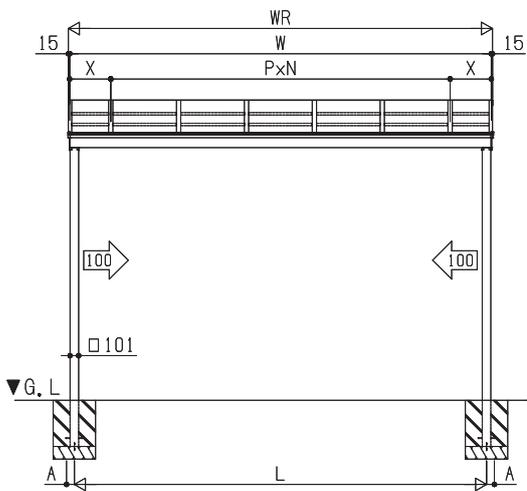
FREE STANDING (TYPE A)

SQUARE

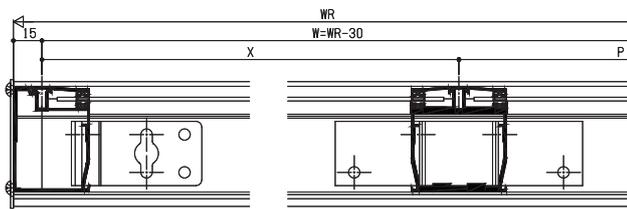
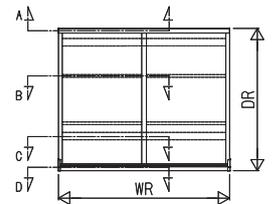
SYSTEM DRAWING



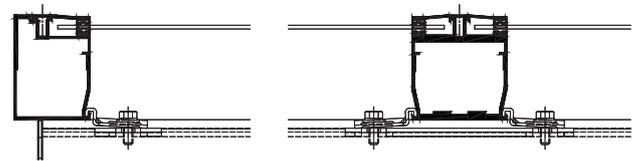
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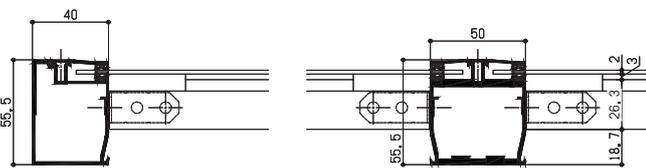
ROOF TOP VIEW



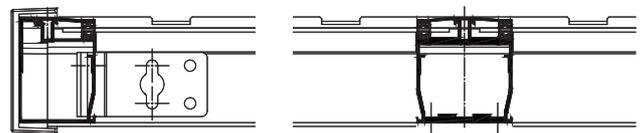
A-A SECTION



C-C SECTION



B-B SECTION

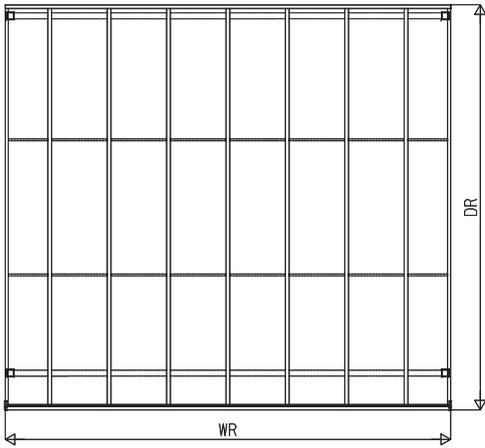


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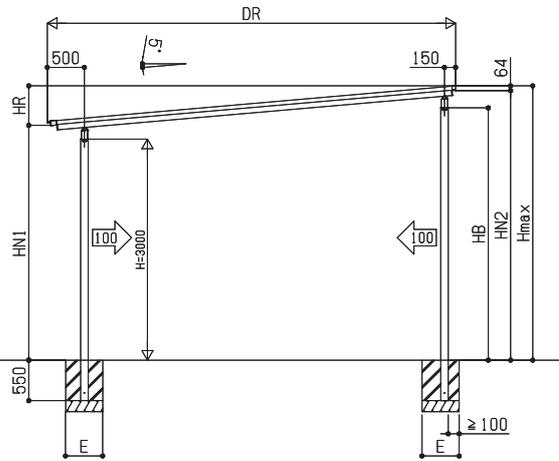
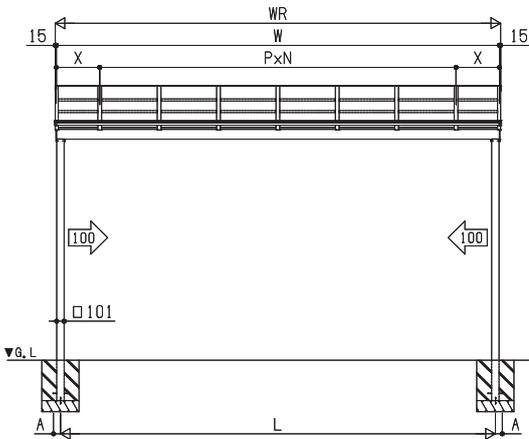
FREE STANDING (TYPE B & C)

SQUARE

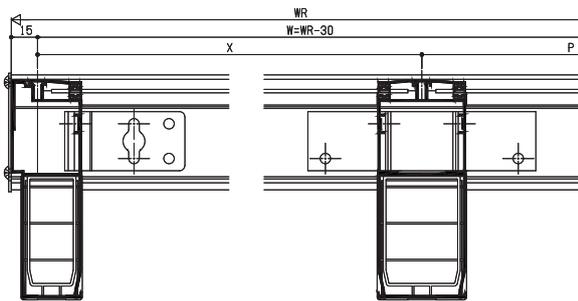
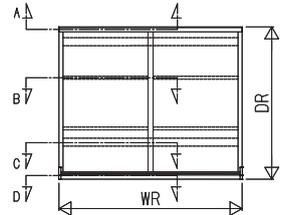
SYSTEM DRAWING



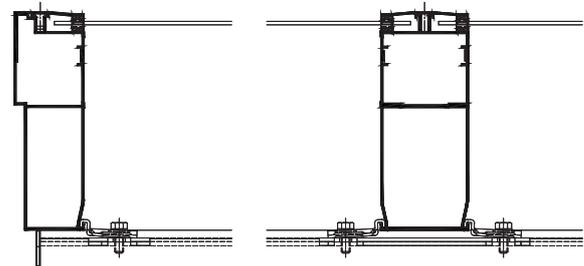
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|------------------------------|------------------------|
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| | Hmax : MAX HEIGHT |



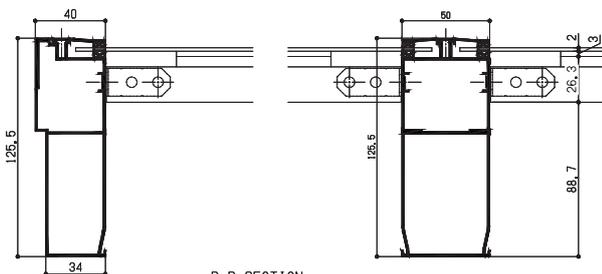
ROOF TOP VIEW



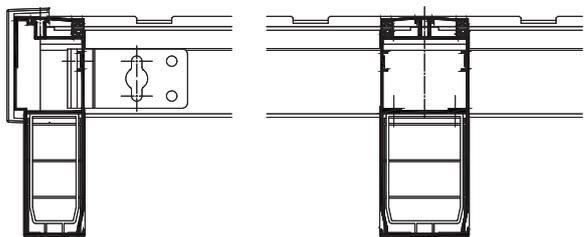
A-A SECTION



C-C SECTION



B-B SECTION

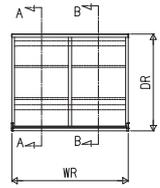


D-D SECTION

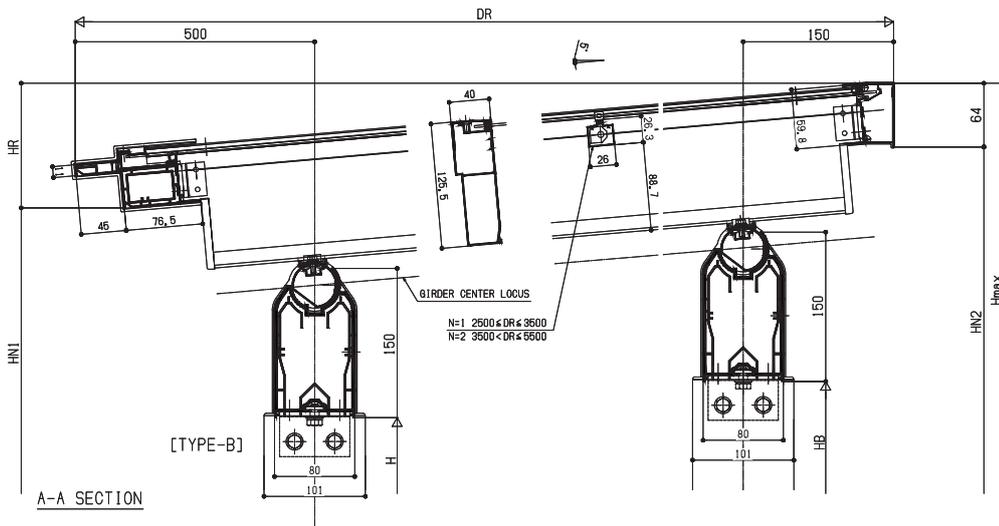
FREE STANDING (TYPE B & C)

SQUARE

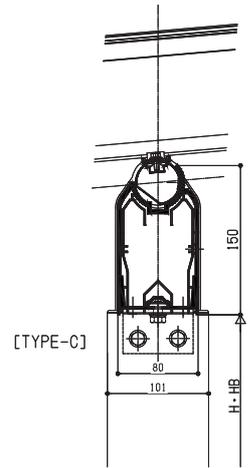
SYSTEM DRAWING



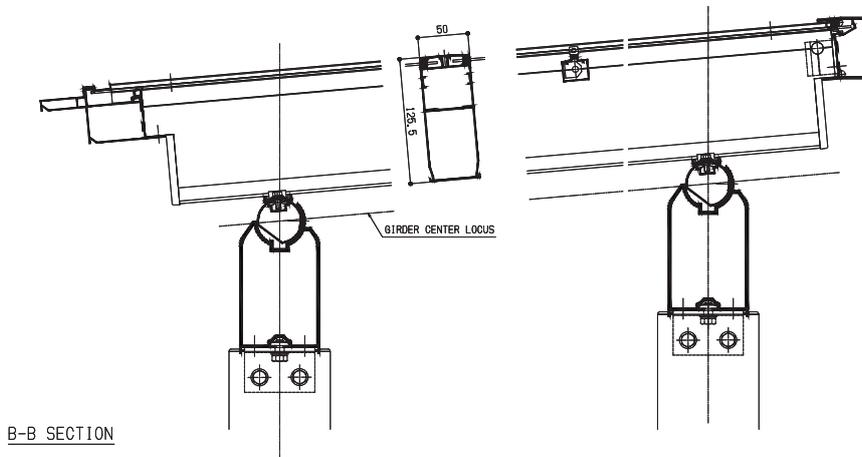
ROOF TOP VIEW



A-A SECTION



[TYPE-C]



B-B SECTION

PRICE LIST

Wall Mounted SQUARE

Juta Rp

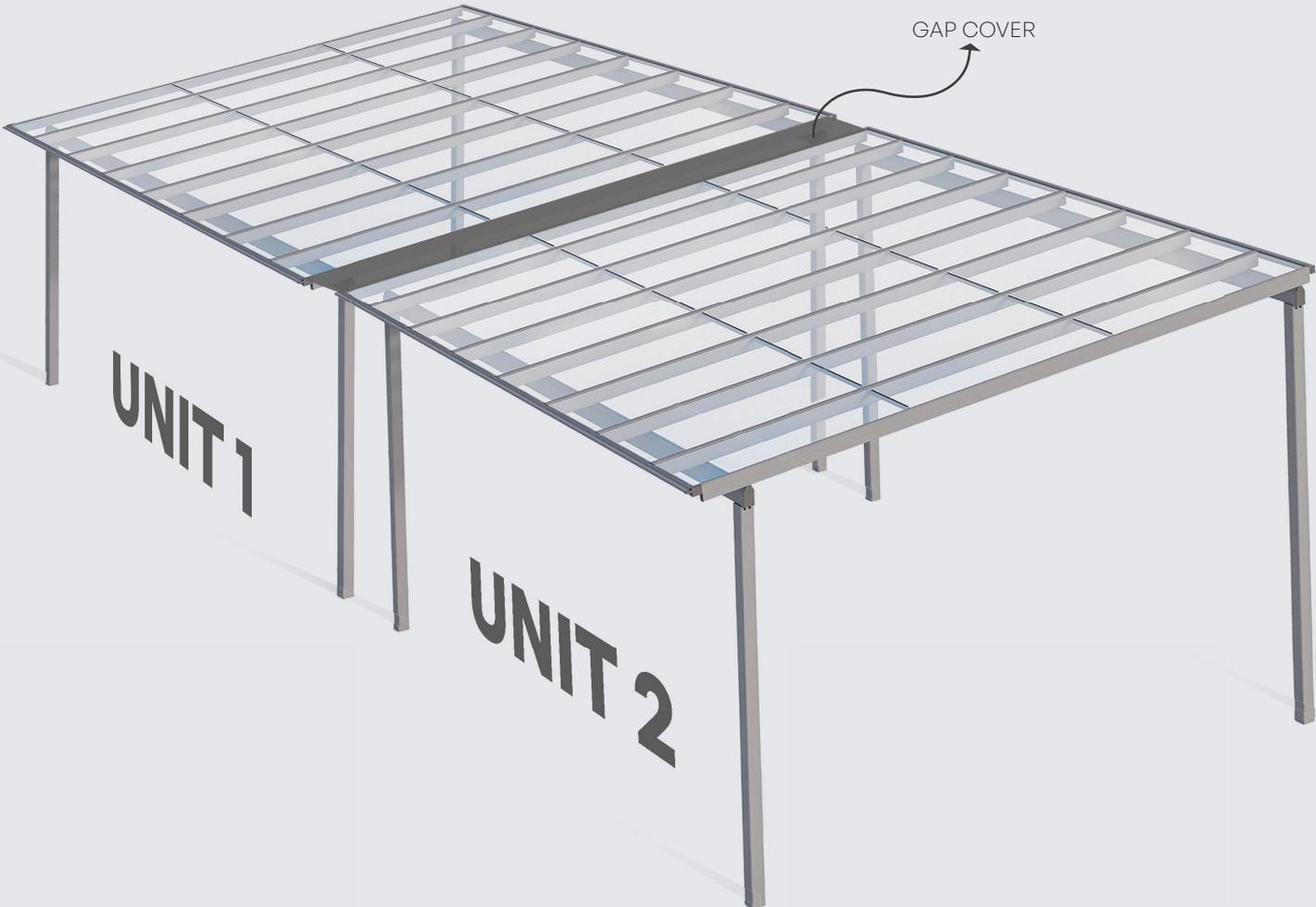
D R (mm) \ WR (mm)								
	2,500	2501-3,000	3001-3,500	3501-4,000	4001-4,500	4501-5,000	5001-5,500	5501-6,000
2,500	11.2	13.2	15.1	16.3	18.2	20.2	23.1	25.2
2,501 ~ 3,000	12.2	14.4	16.5	17.8	20.0	22.2	25.4	27.8
3,001 ~ 3,500	13.1	15.6	18.0	19.3	21.8	24.2	27.7	30.4
3,501 ~ 4,000	14.3	17.0	19.7	21.2	24.0	26.7	30.5	33.5
4,001 ~ 4,500	15.3	18.2	21.2	22.7	25.7	28.7	32.8	36.1
4,501 ~ 5,000	17.6	20.9	24.2	25.9	29.3	32.6	35.1	38.6
5,001 ~ 5,500	18.7	22.2	25.8	27.6	31.3	34.8	37.4	41.2

Free Standing SQUARE

Juta Rp

D R (mm) \ WR (mm)								
	2,500	2501-3,000	3001-3,500	3501-4,000	4001-4,500	4501-5,000	5001-5,500	5501-6,000
2,500	17.8	20.0	22.2	23.6	25.8	28.0	32.1	34.6
2,501 ~ 3,000	18.8	21.2	23.6	25.1	27.6	30.1	34.4	37.1
3,001 ~ 3,500	19.8	22.4	25.1	26.7	29.4	32.1	36.8	39.8
3,501 ~ 4,000	21.0	24.0	26.9	28.7	31.7	34.7	39.6	42.9
4,001 ~ 4,500	22.0	25.2	28.4	30.2	33.5	36.7	42.0	45.5
4,501 ~ 5,000	24.3	27.9	31.5	33.4	37.1	40.7	44.3	48.1
5,001 ~ 5,500	25.4	29.3	33.1	35.2	39.1	43.0	46.6	50.7

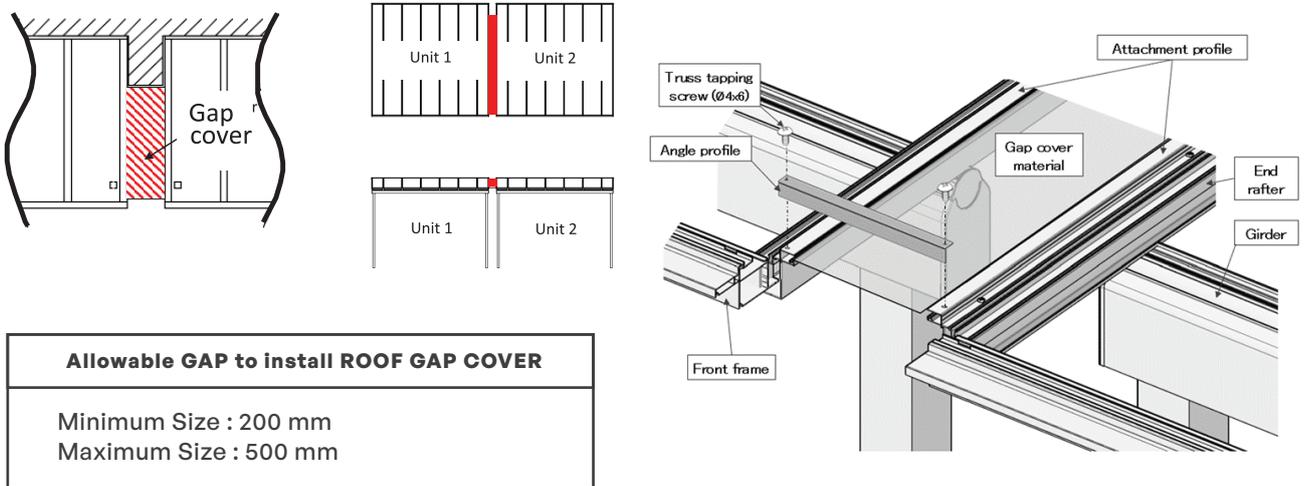
OPTIONAL PARTS



OPTIONAL PARTS

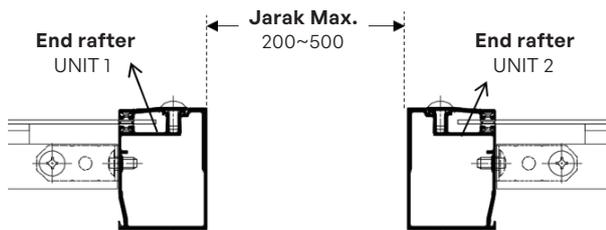
ROOF GAP COVER

In case series of building, we provide ROOF GAP COVER to avoid rain drips splash in the between.



Allowable GAP to install ROOF GAP COVER
Minimum Size : 200 mm
Maximum Size : 500 mm

• Size Limitation

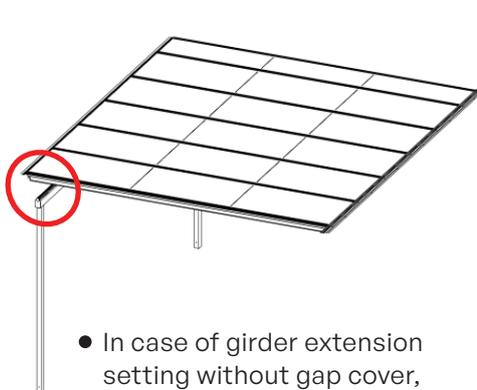


• Material Supply

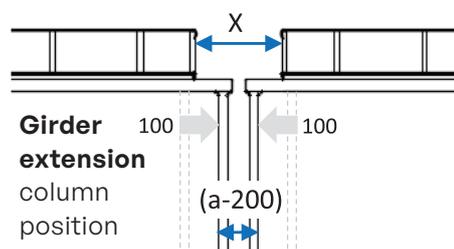
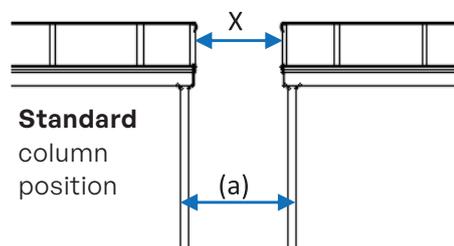
YKK API	DISTRIBUTOR
1. Attachment Profile	1. GAP Cover Material
2. Angle Profile	2. Backup Material
3. Tapping Screw	3. Sealant
4. Gasket	

GIRDER EXTENSION

The construction of column position from end rafter side can be adjust with Girder Extension.



- In case of girder extension setting without gap cover, seal is required



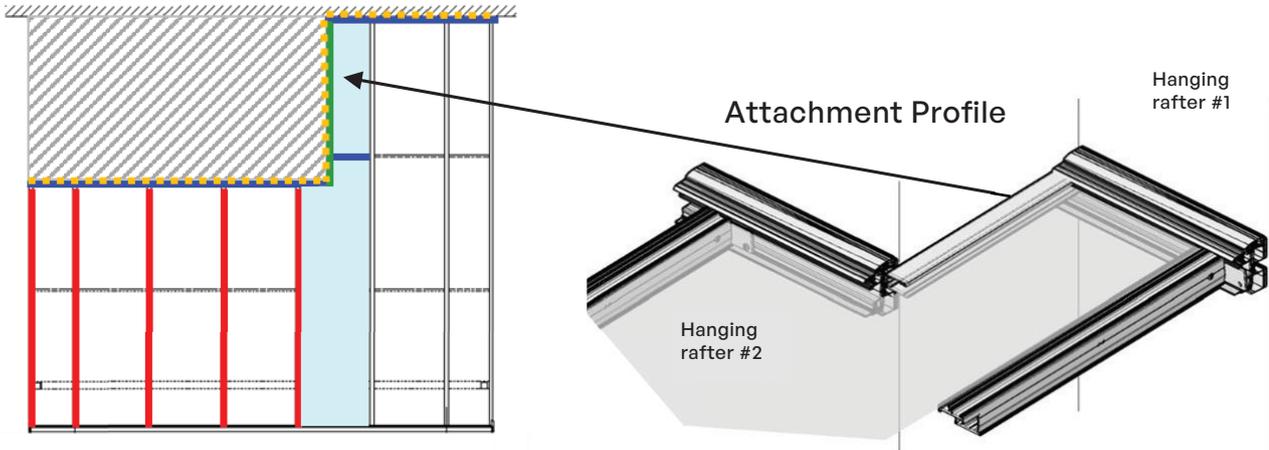
Note :

x = gap between end rafters
 a = standard distance between column

OPTIONAL PARTS

ATTACHMENT PROFILE FOR L SHAPE

Adjustable following the building shape with Attachment profile.



• Construction Sample

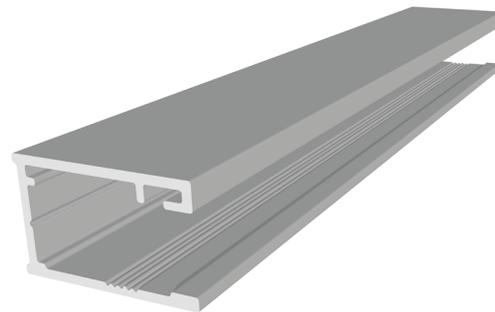
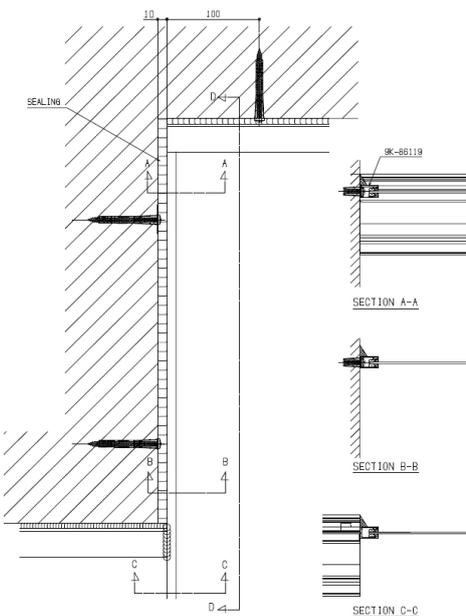


• Material Supply

Available in two sizes

YKK API	SIZE
• Attachment Profile	3000 5500

Perfect solution to cover various building shape.

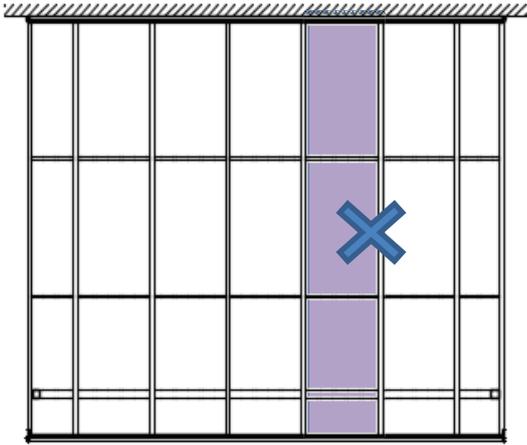


- Easy to follow Site Construction
- Simple Construction
- Same line Order with the Actual Product

OPTIONAL PARTS

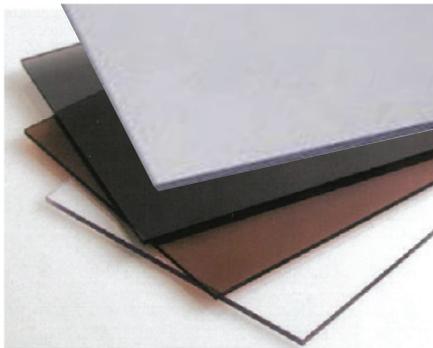
ROOF MATERIAL

Order for Roof Material are possible.



In case replacement needed,
it is easy to order and change

Available in various color as standard



Roof Material replacement

• Material Supply

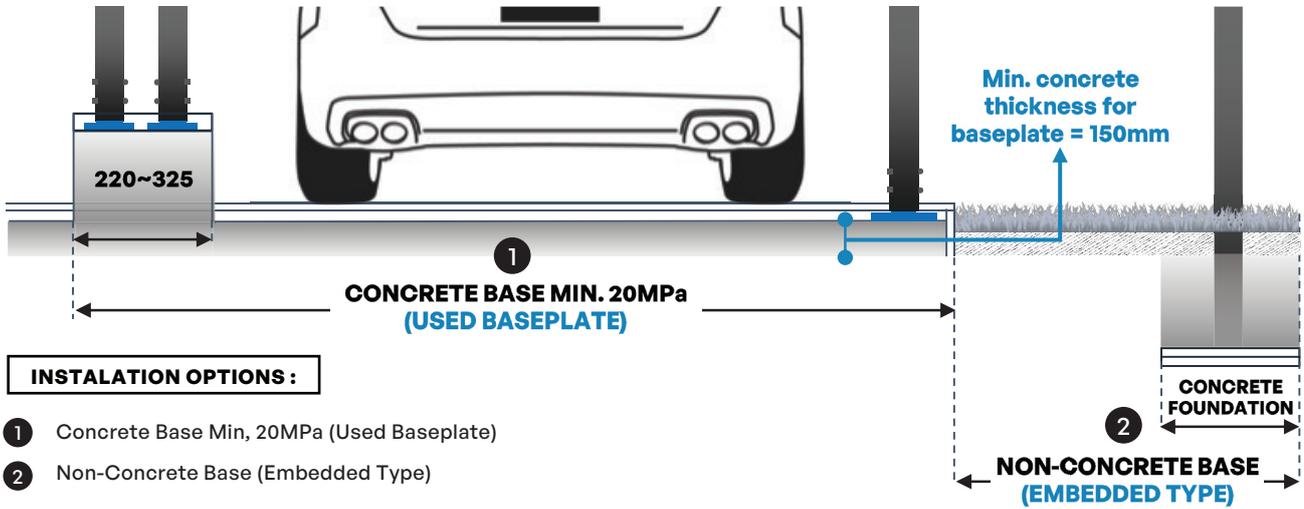
Multiple Sizes to choice base on needed

YKK API	SIZE
• Polycarbonate	404 x 2943
	834 x 2943
	404 x 5452
	834 x 5452

OPTIONAL PARTS

BASEPLATE

Baseplate approach offers flexibility and ease of GRANROOF installation.

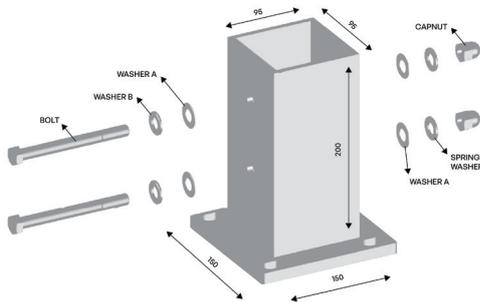


INSTALLATION OPTIONS :

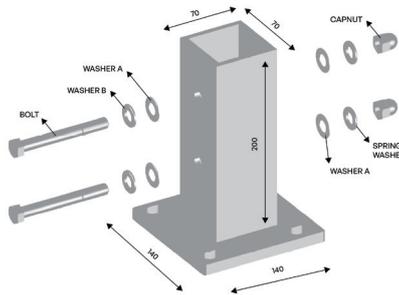
- 1 Concrete Base Min, 20MPa (Used Baseplate)
- 2 Non-Concrete Base (Embedded Type)

Available Options

Free Standing Type



Wall Mounted Type



Available Color :
YK (Black)

Product Guarantee

Plate and concrete anchor are recommend to be covered by other finishing material to prevent water trapped

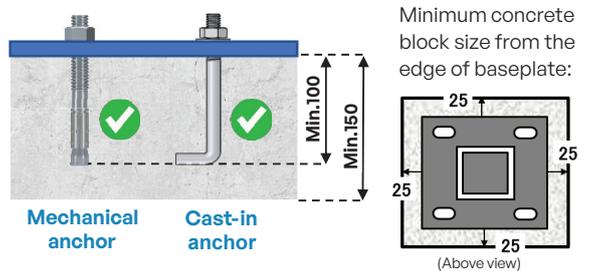
Guarantee include:
10 years for aluminum profile
2 years for parts

Guarantee not include:

- Base concrete quality
- Concrete anchor product

Min. concrete quality 20MPa

Concrete & anchor recommendation



<<CAUTION>>

Do not use non-structural material such as **red or light brick** as baseplate's base



PRICE LIST

Optional Parts GAP COVER

Ribu Rp

DX(mm)	WX(mm)	
	300	500
3,000	312.4	319.0
5,500	530.2	536.8

Optional Parts L-SHAPE

Ribu Rp

Length (mm)	Price
3,000	103.4
5,500	176.0

Roof Material Polycarbonate

Ribu Rp

D (mm)	W (mm)	
	404	834
2,943	732.6	1,509.2
5,452	1,355.2	2,796.2

Structure Baseplate

Ribu Rp

Type	H (mm)	
	W (mm)	200
Wall Mounted	140 x 140	770.0
Free Standing	150 x 150	925.0

*the price list above is for 1 set (including parts) for detail please check **baseplate variation options** page .

MAINTENANCE INFORMATION

Maintenance Methods

Aluminium Products' Maintenance

Washing the product with water once or twice a year will greatly extend its life.

There are various causes of corrosion on aluminum and painted products, but the best way to protect aluminum and painted products from corrosion and maintain their beauty for a long time is to remove dirt from the surface as soon as possible. It's easy to clean dirt while it's still light, and since it's not just everyday dirt, all you need to do is wipe it lightly. Furthermore, you can greatly extend the life of aluminum and painted products by washing them regularly once or twice a year.

Cleaning Method

1. Wash off dust, dirt, etc. with water.

Aluminum (extruded shape material) has "stripe lines" depending on the direction of extrusion. Cleaning is most effective if you follow the direction of it.



2. Remove surface dirt and wash thoroughly with a soft sponge.

*Please do not use a metal scrubbing brush as this may scratch the surface

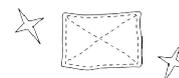


3. For dirt that cannot be removed by washing with water, gently wash with a neutral detergent (1-2% aqueous solution).



4. Finally, wipe off any moisture with a dry cloth.

After using water-soluble detergent, rinse thoroughly with water and wipe off moisture with a dry cloth



About Cleaning Agents

Acidic or alkaline cleaning agents may cause corrosion or discoloration, so please use a neutral detergent.

*Do not use chlorine-based chemicals (bleach, mold remover, etc.).

About Light Color Profile Products

For white profile products, dampen a soft cloth or tissue with liquid cleanser and water, then wipe gently and evenly until all dirt is removed.

*When using a commercially available detergent, please be careful of its properties.

Plastic Sheets' Maintenance

- Remove any adhering dirt with running water or a soft cloth dampened with water.
- Wipe off dirt with a sponge or soft cloth dampened with neutral detergent (1-2% water solvent), and then wipe thoroughly with a soft cloth dampened with water.
- Never use glass cleaners containing organic solvents. Cracks may occur.

Usage Precautions

- Please do not do the following as this may lead to unexpected accidents such as product damage or falling.
 - Putting thins on the roof
 - Climb or hang from the roof pillar
 - Lean a ladder against the roof.
- Do not use it as an evacuation or standby area during an earthquake. this may lead to an expected



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