

# Vertical Metallic Roofing

Slim Type with High Performance

 GANTAN BEAUTY INDUSTRY CO.,LTD.

CONTACT:  
 GANTAN BEAUTY INDUSTRY CO.,LTD.  
 International Business Department  
 E-mail : kaigai@gantan.co.jp  
 Phone : +81-466-43-2187 / +81-466-45-3037  
 URL : https://www.gantan.co.jp/en/home/

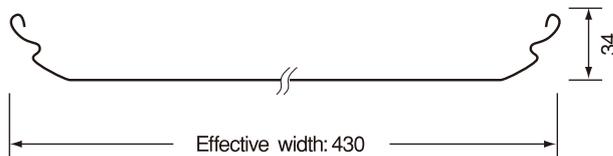
# Sphinx Roof <sup>®</sup> 1 PAT



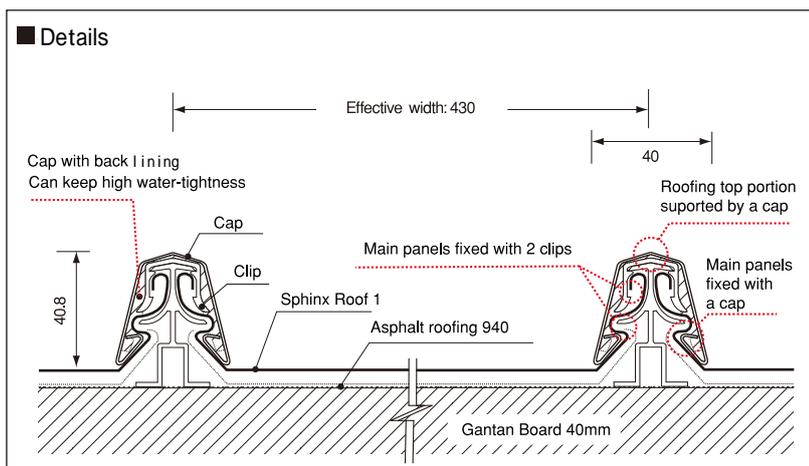
Elementary School



## Profile



## Details



## Standard Materials Thickness

Material	Thickness
Painted aluminum, Fluoro-resin coated aluminum	0.7mm
Copper and Patinaed copper	0.4mm
Painted stainless steel, Fluoro-resin coated stainless steel	0.45mm
Fluoro-resin galvalume steel	0.45mm
Painted galvalume steel, Painted steel	0.4mm

## Specifications

- Effective Width : 430mm
- Effective length :  
to be consulted
- Slope : 3/100 or steeper
- Radius of Curvature:  
25meters or more

## Performance

Wind pressure resistance: 4600Pa [4.6kN/m<sup>2</sup>]

\* Value tested by the Japan Testing Center for Construction Materials (steel plate thickness 0.4mm, Roof purlin pitch 606mm, standard clip specification)

Thermal insulation performance:

(heat transmission coefficient)  
0.257W/(m<sup>2</sup>·K) [0.221 kcal/(m<sup>2</sup> h°C)]

\* Gantan Yuko System steel frame specification mesh specification insulation board 40mm (high insulation specification)

Roofing of 30 minutes' fire resistant structure

FP030RF-1497~1500 (Gantan Yuko Sytem) ※

FP030RF-9312 (Gantan Board 40mm)

FP030RF-9313

(Gantan Board 40mm + Insulation Board)

※ Steel Sheet, Stainless