

# Vertical Metallic Roofing

Slim Type with High Performance

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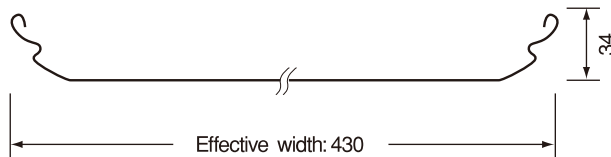
## Sphinx Roof 1<sup>®</sup> PAT



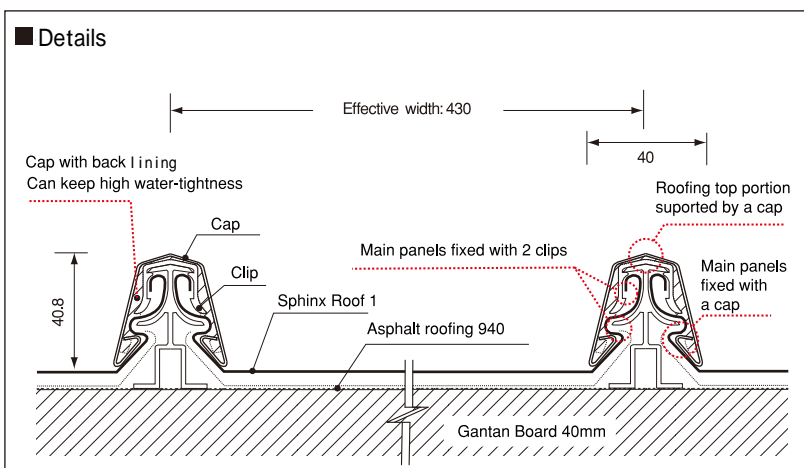
Elementary School



### Profile



### Details



### Standard Materials Thickness

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

### Specifications

- Effective width: 430mm
- Effective length: to be consulted
- Slopes of 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)

0.330W/(m<sup>2</sup>·K) [0.284kcal/(m<sup>2</sup> h°C)]

\* Gantan Yuko System, steel frame specification, mesh 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