

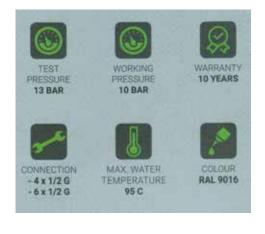
## **General Characteristics of Vertical Panel Radiators.**

## **Steel and Production**

Firefly vertical panel radiators are produced in accordance with the internationally accepted EN 442 & BS EN ISO 9001 standard. Cold rolled steel conforming to EN 1013 is used in the production surface treatment and painting processes take place in accordance with DIN 55900-1 standard. Steel thickness used in panel radiator production is:

Panel production : 1.30 plus/minus 0.09 mm Fin production : 0.45 plus/minus 0.05 mm Top and side covers : 0.75 plus/minus 0.09 mm Decorative panel : 0.90 plus/minus 0.09 mm

Radiator test pressure : Maximum 13 bar. Radiator working pressure : Maximum 10 bar. Maximum working temperature : 95 degrees. Corrosion resistant



## **Surface Treatment and Painting**

All radiators are applied with surFace treatment before they are painted. The surface treatment process includes 3 stages

- 1. Degreasing @ SS-65 degrees C
- 2. Phosphating@ SS-65 degrees C & pH=-4.8-5.5
- 3. Three step rinsing process at various conductivity levels



