



**Positioning Electrical Equipment in Bathrooms**

The bathroom is divided into zones based on a perceived level of risk. Each zone has specific requirements regarding the installation of electrical equipment in that zone.

- Zone 0:** the area inside bath, sink or shower tray.  
Not recommended for radiator fitment.
- Zone 1:** the area above the bath/shower tray to a height of 2.25m.  
Minimum rating of IPX4 should be used unless water spray will be present. In this case, a rating of IPX5 should be used.
- Zone 2:** the area stretching 0.6m from zone 1 and above the sink to a radius of 0.6m.  
Minimum rating of IPX4 should be used here.
- Zone 3:** the area outside zones 1 & 2.  
Assuming water jets are not to be used for cleaning this area, lower IP ratings can be used.

**IP Rating:** 'X' denotes level of security against dust particles. The second digit denotes level of 'watertightness'.  
**IPX5:** protected against low pressure water jets.  
**IPX4:** protected against splashing water.

All Bisque electric towel radiators are rated IPX4 or above.

The above diagram is only a guide. Please refer to I.E.E. Wiring Regulations (BS 7671:2008) for detailed information.