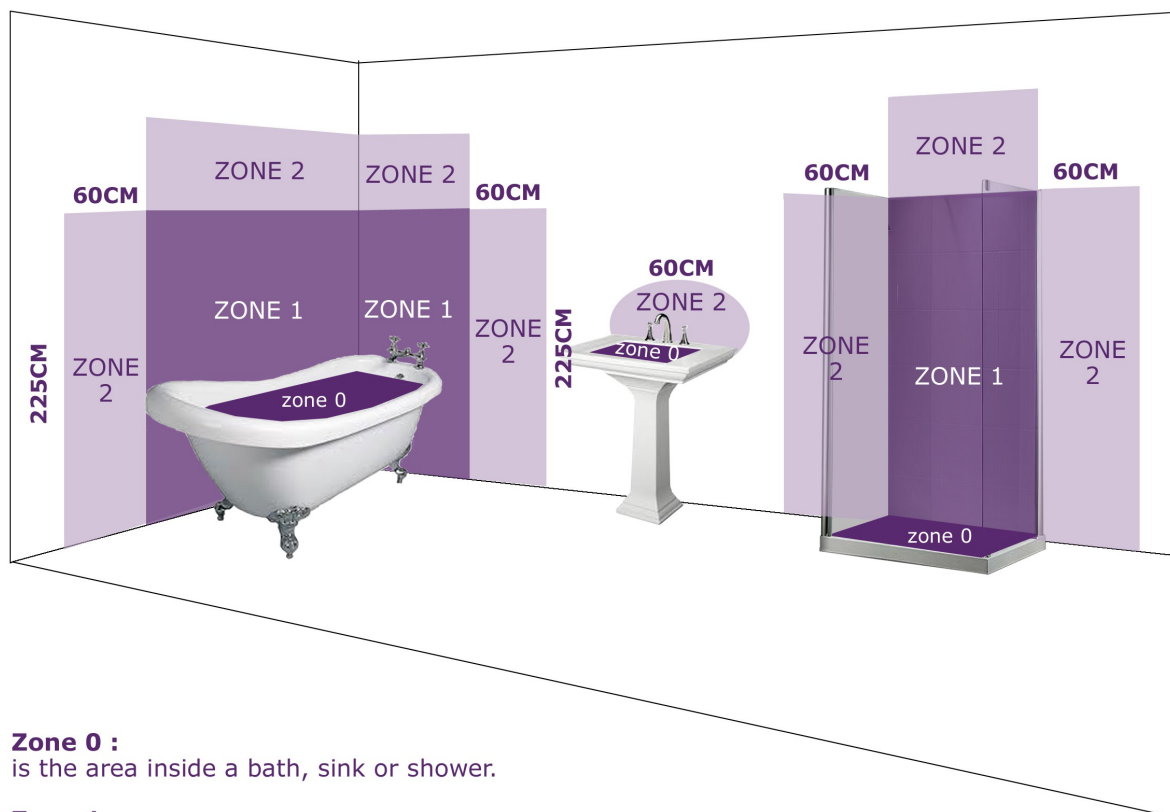


BATHROOM ZONING FOR LIGHTING



Zone 0 :
is the area inside a bath, sink or shower.

Zone 1 :
is 2.25m above the finished floor level by the same width as the bath.
is 2.25m from the finished floor level by the width of the shower (or the height of the fixed shower head if more than 2.25m) or 1.2m around the shower head if the shower has no basin.

Zone 2 :
is 2.25m above the finished floor level by 0.6m around the bath.
is 2.25m from the finished floor level by 0.6m around the shower basin (or the height of the fixed shower head if more than 2.25m).
is 0.6m radius around the sink basin.

Bathroom Zones explained

A room containing a bath or shower is considered a special location because of the increased risk of electric shock. These regulations are sectioned into Zones and pay special attention to the areas in and around a bath or shower in the room as outlined in the 17th edition IEE Wiring Regulations.

The installation of electrical devices in bathrooms and shower rooms is regulated in Section 701 of BS 7671:2008, and **Part P** of the Building Regulations.

Zone 0 :

is the area inside a bath or shower

Zone 1 : for a bathroom

is 2.25m above the finished floor level by the same width as the bath.

Zone 1: for a shower room

is 2.25m from the finished floor level (*or the height of the fixed shower head if more than 2.25m*) by the width of the shower basin (*or 1.2m around the shower head if the shower has no basin*).

The space under the bath tub or shower basin is Zone 1.

However, if the space under the bath or shower basin is only accessible with a tool, it is considered to be outside the zones.

Zone 2 : for a bathroom

is 2.25m above the finished floor level by 0.6m around the bath.

Zone 2 : for a shower room

is 2.25m from the finished floor level (*or the height of the fixed shower head if more than 2.25m*) by 0.6m around the shower basin.

If there is no shower basin Zone 2 is replaced by Zone 1 (*i.e. 1.2m around the fixed shower head*).

The extent of the zones in a bath or shower room can be limited by floors, ceilings and walls. For more detailed information see BS 7671 diagrams 701.1 & 701.2. Any electrical equipment installed on the surface of floors, ceilings and walls that limit a zone is subject to the requirements of that zone.

RCDs are required for all circuits in locations that contain a bath or shower.

Please Note: that this guide is only to be used as general reference.

Please ensure that you are fully aware that any electrical and installation work must be carried out in accordance with IEE Wiring Regulations, The Building Regulations and any further compliancy that might be required. If in any doubt, please consult a qualified professional.