

AUSTRALIAN STANDARDS IP RATINGS

GUIDANCE ON THE SELECTION AND INSTALLATION OF ELECTRICAL EQUIPMENT FOR BATHS, SHOWERS AND OTHER FIXED WATER CONTAINERS

EQUIPMENT	ZONE 0	ZONE 1	ZONE 2	ZONE 3
Clause 6.2.4.2 Socket outlets	Not permitted	Not permitted	(a) A shaver outlet; OR (b) RCD-protected and in a cupboard (no specified IP rating)	(a) <0.3m Not permitted (b) >0.3 m No IP rating* but shall have (i) RCD protection; OR (ii) Separated supply; OR (iii) SELV OR PELV supply
Clause 6.2.4.3 Swiches / Accessories	Not permitted	Same as zone 2	<0.3 M Not permitted >0.3 M IPX4*	
Clause 6.2.4.4 Luminaires	IPX7 and specifically for use and SELV or PELV supply	IPX4*	IPX4*; OR Class II construction (double of reinforced insulation); OR SELV or PELV; OR Recessing into ceiling	NO IP rating*
Clause 6.2.4.5 Other	IPX7 and specifically for use and SELV or PELV supply	IPX4*	IPX4* OR Recessed into ceiling	NO IP rating*
Clause 6.2.4.6 Switchboards	Not permitted	Not permitted	Not permitted	Not permitted

* Degree of protection IPX5 required in communal baths/showers

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ALL RADIANT TOWEL RAILS CAN BE PLACED IN THE SHOWER.

Do your customers believe they need a low voltage towel rail in order that they can place them in the shower, or above the bath?

All Radiant Ladder Towel Rails are 240V but are also rated IP55, which when hard wired, is one of the highest ratings available in Australia and the rest of the world.

This means the towel rail is protected against

water jets from any direction. IP55 rating generally allows for installation in "Zone 1" meaning in close proximity to the bath or shower (including above the bath). These must be 'hard wired' however to a switch which is positioned in 'Zone 3'.

This should be all you need to tell your customers and in turn the Electrician!

