

# NEW PRODUCT

# WETCON™



## WET AREA CONNECTOR

For Earth Bonding to Reo (Suits up to 13mm Reo Mesh)

PART NO: WETCON™

Changes to Electrical Wiring Rules, AS3000:2007 require the conductive reinforcing within a concrete floor forming part of a shower, bathroom, pool or spa to be bonded to the earthing system of the electrical installation to avoid potential differences.

**Application applies to relevant clauses as per AS3000:2007 (5.6.2.5/ 5.6.2.6)**

**FEATURES:** The WETCON™ provides a quick and easy permanent earth connection to steel reinforcing for wet areas such as shower, bathroom, pools and spas. The connector is completely sealed and provides protection against corrosion. Shear bolt technology ensures correct installation. Each connector is supplied with a pre-terminated 2 meter long 6mm<sup>2</sup> earth tail.



**APPLICATION:** The reinforcing mesh can be cut in the wet area location and the WETCON™ secured over one of the cut ends. This is achieved by tightening the shear bolt with the recommended spanner until it snaps off ensuring the correct tension of the connection.

Conduit can be used to further protect the 6mm<sup>2</sup> pre-terminated earth which needs to be situated to line up with the bottom plate or wall cavity location.

At fit-off, the earth bond wire is then required to be connected to any part of the earthing system.



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### Excerpt from AS/NZS 3000:2007 (Including Amendant N°2)

#### 5.6.2.5 Showers and Bathrooms

Any conductive reinforcing within a concrete floor or wall forming part of a shower or bathroom shall be bonded to the earthing system of the electrical installation to avoid any potential differences that may occur between conductive piping (including taps, drain, etc.) connected to, or in contact with, the electrical installation earthing system and the concrete floor or wall.

An equipotential bonding conductor, in accordance with Clause 5.6.3, shall be connected between the reinforcing material and any part of the earthing systems within the room.

#### 5.6.2.6 Swimming and Spa Pools

##### 5.6.2.6.3 – Conductive Pool Structures

Where the pool structure is conductive, all extraneous conductive parts, including the reinforcing metal of the pool shell or deck, shall be connected to an equipotential bonding connection point complying with Clause 5.6.2.6.4

Where any of the items described in clause 5.6.2.6.1 are required to be equipotentially bonded, the bonding shall be extended to the conductive pool structure by means of the equipotential bonding connection point.

##### 5.6.2.6.4 – Equipotential Bonding Conductor Connection Point

- (c) of suitable design and construction in accordance with Clause 3.7
- (d) protected against mechanical damage in accordance with Clause 5.5.5.2 and
- (e) protected against corrosion in accordance with Clause 5.5.5.3



#### OPTIONAL ACCESSORIES



Product Ordering Code:

RPS13/17-6H

SPANNER13



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