

R4 Requirements

To meet the R4 Durability Classification, as detailed in the Australian Standard for “Masonry structures” (AS 3700) and which is defined in the Australian Standard for “Built-in components for masonry construction” (AS/NZS 2699.3:2002), either of the following options are available.

1. Stainless Steel sections of specific grades.

OR

2. A Duplex Coating consisting of both a Hot-dip Galvanized Coating with a minimum coating mass of 600 g/m² complying with the Australian standard for “Hot-dip galvanized (zinc) coatings on fabricated ferrous articles” (AS/NZS 4680), and a Paint Coating.

Where the Duplex Coating system option is chosen (as described in item 2 above), the specification of the Paint Coating is provided in AS/NZS 2699.3:2002 and involves the application of:

- 50 microns minimum of a non-inhibitive epoxy primer (two pack) to AS/NZS 3750.13, PLUS
- 200 microns of high-build epoxy micaceous iron oxide (MIO) (two pack) to AS3750.14.

An example of this is a product called Jotacote 605, manufactured by Jotun Pty Ltd. This product is an all-in-one primer / topcoat.

As specifications continually change, you must confirm with Jotun that their coating products meet the current requirements for achieving the R4 Durability Classification prior to choosing this option.

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