

## Description

Quartzon™ is premium interior cementitious render for swimming pools. It is primarily designed for application onto concrete pool shells as a fully submerged interior finish.

The product is pre-blended and packaged in an automated, quality assured facility which ensures its quality and consistency.

It must be installed by competent, experienced trade persons in order for its full aesthetic potential and service life to be realised.

Application should not commence until all other pool installations have been completed as its needs to be filled with water and become fully functional after completion of the Quartzon™ application process.

## Performance Characteristics

- 1** Adhesion - Excellent
- 2** Initial Set Time - 120 minutes (approx.)
- 3** Compressive Strength
  - a** 1 day - approx. 14 MPa
  - b** 7 days - approx. 35 MPa
  - c** 28 days - approx. 45 MPa
- 4** Colour Gallery
  - a** White Beach
  - b** Ice Blue
  - c** Santorini
  - d** Sky Bay
  - e** Royal Blue
  - f** Graphite
- 5** Slip Resistance
  - a** Classification P5 (acid washed)
  - b** Slip resistance classification dependent on degree of surface exposure.
  - c** Tested to AS4663-2013 Appendix A
  - e** Testing based on wet pendulum test method using 4S rubber slider

## Applications and Limitations

Product application should be in accordance with "Quartzon Application Guide". Quartzon™ should only be applied using the best practice principles of rendering by experienced and professional plasterers /renderers.

As with all cement based products, sufficient moisture must be available during curing process to ensure appropriate strength gains and to minimise the risk of cracking. The required finished product thickness range is 8-10mm.

Fill pool immediately after completion of Quartzon™ application. Balance the water to the recommended levels (refer to the Quartzon™ Start-Up Procedure or [www.quartzon.com.au](http://www.quartzon.com.au) for more detailed information).

## Density

2,060 kg/m<sup>3</sup> (wet)

## Packaging

20kg bags, 56 bags per pallet

Dry storage is essential. Under normal storage conditions a shelf life of around twelve (12) months from the date of manufacture can be expected.

Product should not be applied if the ambient temperature is less than 5°C or greater than 35°C.

## Mix Ratio

Each 20kg bag of Quartzon™ requires approximately 3 litres of clean potable water. Site conditions may require variation to this however the water addition should not be less than 2.5 litres or greater than 3.5 litres per 20kg bag.

## Coverage

One 20kg bag of Quartzon™ will cover approximately 1.1m<sup>2</sup> of correctly prepared concrete surface, i.e. the concrete surface is to have a wood float or broom finish – not steel trowelled.

Coverage estimate is based on nominal render thickness of 9mm. Variation to applied render thickness, water content and wastage will slightly change this coverage rate. A pool measuring 9m x 4.5m x 1.5m will require approximately 68 bags of Quartzon™ product.

## More Information

For further information please visit [www.quartzon.com.au](http://www.quartzon.com.au) or call Concrete Colour Systems on 1800 077 744 or (07) 3412 8111.