

POOL DÉCOR

Decorative render for swimming pools



Introduction

Pool Decor is a factory blended ready to use aggregate render for use on reinforced concrete pool interiors. The product is a cost competitive replacement for traditional exposed aggregate and produces a significantly superior aesthetic appearance. The finish is not coarse for low risk of skin abrasions and is easily applied on new or renovated pool interiors by competent trades persons.

The product is purpose designed for application on concrete pool shell interiors. It is engineered from blended aggregates and polymer modified cement technology that produces excellent durability and minimal maintenance of the finished product under normal inservice pool conditions.

Key Features

- Cost competitive replacement for traditional exposed pebble finishes
- Modern — white surface aesthetic with coloured chip and reflective additives that enhance pool water appearance.
- Factory blended for consistent quality
- Strong & durable — Low maintenance

- Smooth textured finish reduces risk of skin abrasion
- Easily placed and finished by competent trades persons.
- Suitable for new concrete pools & renovations

Precautions & Limitations

The Product cannot be installed in wet weather or afterwards for a period of at least 48 hours. Precautions must be taken when ambient temperature is outside the range of 5 to 35 oC. High ambient temperature when combined with strong wind and low humidity risks uncontrolled drying shrinkage. Until hardset has occurred freshly finished surfaces must be protected from rain or damage from other sources. The product is recommended for use only by professional trades persons in accordance with the manufacturer's approved method and compliance. The pool needs to be fully operational immediately following product application and final detailing. The finished coating is specifically designed to be submerged in water to maintain colour stability. Use of waterline border tiling is recommended and anywhere the finished coating is exposed to weather elements to preclude colour variance from the effects of UV light and wetting/drying cycles.

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Application Procedure

Surface Preparation

New concrete pool shells must be cured for at least 14 days then properly cleaned and prepared before application of the product. If the pool is a renovation, the shell must be thoroughly cleaned. Fibreglass or paint must be completely removed and the surface must be free of any loose material or contaminants. Dummy or deteriorated areas must be competently repaired so as not to disrupt the integrity and durability of the finished work.

Mixing

Mechanical Mixers must be clean and free of contaminants. Add only clean water to the product insufficient quantity to achieve a consistent workable mix. Maximum water content per 20kgs of product must not exceed 2.5–3.5 litres.

Placement

Primer Coat: Dampen the pool shell with a mist spray of clean water. Use Concrete Priming Agent — prime the entire pool interior surface in accordance with recognized scratch coat method. **Finish Coat:** Apply by traditional render trowel and finishing techniques; the finish coat must be placed at a uniform thickness of at least 8mm to achieve a consistent, even and durable finish. Maintain a 'wet edge' when joining walls to floor. Cure the finished work in accordance with recognized method to assist in the control of drying shrinkage. **Final Detailing: Acid Washing:** The finished pool interior must achieve hard set to the point where normal acid washing processes will not damage or weaken the surface. Acid washing procedures should be in accordance with recognized method and only attempted by contractor's experience in the proper technique and safe use of relevant acid solutions.

Environmental protection must be observed at all times. Acid solution mix ratio might normally be diluted at the rate of 1 Part Hydrochloric Acid mixed with 1015 Parts Clean Water. Thoroughly rinse surfaces after acid washing. Ensure pool Interior is completely clean and the exposed surface finish is uniform and consistent throughout the entire work. Retreat and detail inconsistently finished areas if necessary. Immediately fill the pool with clean water on the satisfactory completion of the work.

Estimated Coverage

To ensure durable and uniform coverage, the product must be applied at a consistent thickness of 8mm. One 20kg bag of Pool Decor product mixed with the recommended maximum water content of 2.5 — 3.5 litres of clean water will cover 1.25m²x 8mm thickness. An average sized pool (9m x 4m x 1.5m) might normally require 45— 50 (20kg) bags of product to ensure sufficient and uniform coverage. Note: Coverage estimate a guide only. Variation may or will occur subject to preferred water mix design, application method and finishing techniques of tradespersons, waste factors and scope of the works.

POOL CHEMISTRY	RECOMMENDED LEVEL
pH	7.2 - 7.6
Total Alkalinity mg/L	80-120
Calcium Hardness mg/L	150 first year of operation
Calcium Hardness mg/L	100 - 250 thereafter
Free Chlorine	1.5 - 3.0
Stabilized Pools (Cyanuric Acid)	2.5 - 4.0

Packaging

20 Kg sack

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Storage

Pool Decor must be stored under shed, above ground and protected from water damage. Shelf life 6–12 months from date of manufacture subjected to climatic conditions.

Health and safety

Kindly wear hand gloves and safety goggles while handling the product. Any contact with eyes should be washed immediately with clean water and seek medical advice. Do not swallow. Avoid contact with food or cooking utensils and keep away from children's reach. If splashed on to cloth or any other

Product disclaimer

This product is manufactured with utmost care and precautions using best available materials, techniques and keeping in view the end use and assured performance. However, no specific guarantee can be given since the application of the product (prevailing site and environmental conditions while applying etc.) is beyond our control. We therefore welcome consultation in the event of doubt about application performance.