

TECHNICAL DATA SHEET

MULTI-COTE

A High Performance durable coating system for concrete & steel

DESCRIPTION

Rockbond Multi-Cote has been developed as a high performance coating system that can be applied internally and externally as a render to almost any stable substrate including concrete, brick, block work and steel. Multi-Cote will form a hard wearing durable top coat to most substrates that require a waterproof coating that is inert and acid free and is acid and alkali resistant.



SPECIAL PROPERTIES

- Conforms to the AS/NZS 4020-2005 for potable water
- High adhesion to concrete/steel, brick & block
- Extremely Flexible.
- Waterproof
- Hard wearing surface
- Inert & acid free
- Adhesion tensile strength > 3.32N/mm²
- Acid & alkali resistant
- Cures in 3 - 4 hours

USES

- Waterproof coating for concrete & steel
- Concrete tanks
- Concrete reservoirs
- Marine concrete & steel
- Water & wastewater treatment plants
- Swimming pools
- Leaking walls & floors

PACKAGING

Packed in 10ltr plastic pails. When applying a 1mm thick coat a 10ltr pail will cover 8.8m² (approx). The shelf life is 3 months when kept in cool dry conditions.

PREPARATION

The substrate must be clean and free from loose material.

Wash with a high-pressure water system, degrease with a no residue degreaser if necessary, to affect a clean surface. Repair any cracks, holes, etc with a thick mix of Multi-Cote, or Rockbond Rapid Repair for any large problem areas. With any existing repairs it may be prudent to apply a test cover of Multi-Cote to test its adhesion. If Multi-Cote does not adhere removal of that product is required.

MIXING

Mix Multi-Cote in a suitable container with a powered mixing device. Mix with clean potable water at a ratio of 300mls water to 1kg of product. Mix well for 2-3 minutes or until a creamy consistency is achieved. Rest for 5 minutes then remix adjusting the water if necessary, to gain a consistency of thick paint.

HEALTH AND SAFETY

Rockbonds Multi-Cote is non toxic and safe to use. However, use the same precautions as with any cementitious products, wear goggles, protective clothing and a dust mask while mixing and applying the material.

APPLICATION PROCEDURE

The substrate must be clean, free of dirt, grease and loose materials and any other foreign matter. Multi-Cote must be mixed with clean potable water and can be applied by roller or brush to a thickness of 2mm. If an additional coat is required it can be applied in 3 to 4 hours time, subject to the drying conditions.

Apply with a brush or roller (19mm nap) to the substrate to achieve an even coat of 1-2mm thick, 2 coats maybe required to achieve this. If a second coat is required allow 3-4hrs between coats for the product to set - it should be firm to the touch. Do not apply at thicker than 2mm as plastic cracking may occur as the product sets.

Temperature and air movement can affect the set time allowances will need to be made for this.

Apply between 7°C and 27°C both ambient and substrate temperature for optimum set. Allow 3-4 hours cure for open air service, 24-48hrs for tank filling, the product must be dry to the touch, and 5-7 days for full cure before filling pools.

POTABLE WATER TESTS

To ensure that Multi-Cote does not adversely affect the quality of the stored water, Multi-Cote has been successfully tested and conforms to AS/NZS 4020-2005. These tests included Taste, Turbidity, Aquatic Micro Organism Growth, Cytotoxic Activity, Mutagenic Activity and Extraction of Metals.

Should further information be required please contact our Technical Department for the full copy of the report.

TECHNICAL DATA

Water/Powder Ratio	30%	
Consistency Life	30 Minutes	
Consistency	Paint Consistency	
Adhesion Tensile Strength	Days	MPa
	7	> 3.32N/mm ²
Yield per 10lt (11kg) Pail	8.8lts	

Coverage Each 10lt pail will cover 8.8m² at 1mm thick.

TECHNICAL INFORMATION

Should you have any queries, or require further information, please contact our Technical Sales Team: +64 4 568 5401