



DESCRIPTION

RTU is a high-performance concrete mix engineered to withstand modern environmental challenges. Redeveloped to combat harsh environmental exposure, RTU provides a buttery, workable mix that places and finishes extremely well. It is designed for high durability, reduced efflorescence, and strong resistance to shrinkage, cracking, and chloride ion attack. RTU is suitable for original construction, concrete repair, and any situation requiring a high-performance concrete.



KEY FEATURES

- Minimum 45 MPa strength at 28 days
- Significant early strength development
- Reduced efflorescence
- Crack and shrink resistant
- Resistant to chloride ion attack
- Does not suffer from common durability issues in harsh environments
- Excellent workability and finishability
- Meets & exceeds NZS 3109 and NZS 3101:2006
- Ideal for salt-laden and marine environments



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HEALTH AND SAFETY

RTU is a cement-based product and contains no additional aggressive additives.

Wear suitable PPE including gloves, dust mask, and eye protection during use.

Refer to packaging for full Health & Safety information.

APPLICATION

Directions for Use

Mix RTU thoroughly and evenly with 4.5 L of clean potable water per 30 kg bag.
Mix until a smooth, buttery consistency is achieved.
Place and finish as required.

Do not over-water; doing so may reduce final strength and durability.

Conditions of Use

Ambient temperature affects setting and curing time. Best applied between 7°C and 25°C.
Water content impacts workability and curing time. Avoid excessive water to maintain strength and durability.

PACKAGING AND STORAGE

Supplied in 20kg and 30 kg weatherproof bags.

Shelf life: Approx. 3 months when stored in cool, dry conditions.

Keep dry and protected from moisture.

TECHNICAL DATA

Compressive Strength	<ul style="list-style-type: none">• 7 days: > 20 MPa• 28 days: \geq 45 MPa
Yield	<ul style="list-style-type: none">• 20kg bag: approx. 0.012m³• 30kg bag: approx. 0.018m³
Coverage (per 30kg bag)	1.00 m \times 450 mm \times 40 mm area
Suitable Temperature Range	7°C – 25°C
Chloride Ion Resistant	Yes
Crack Resistant	Yes
Shrink Resistant	Yes
Efflorescence	Decreased
Standards Compliance	Exceeds NZS 3109, NZS 3101:2006

DISCLAIMER

Technical details and recommendations are based on our best knowledge and experience. The user must ensure suitability for the specific project before application, and is fully responsible for the product's use and its consequences.



Contact our Technical Department for further information and expert guidance on your application.

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