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Reviewed: 8/10/2026

Product Name: Ramping Compound



Product Description:

Ramping Compound is a general-purpose polymer modified micro concrete with some flowing characteristics. Ramping Compound is a blend of Portland Cement graded aggregates and chemical additives to provide a strong cementitious compound with minimal shrinking or cracking.

Product Description:

Ramping Compound is a ready to use dry powder requiring the addition of a controlled amount of clean water to produce a workable consistency for shaping or patching work in domestic or industrial applications. Higher performance to bond and strength may be gained by the addition of Surelevel 644 Primer.

Performance Properties

Typical Compressive Strength

Tested in accordance with AS1012.9 at 20°C

Property	Value	Age	Test Method
Compressive Strength	>5-10 MPa	1	**AS1012.9 at 20°C**
Compressive Strength	>30-40 MPa	28	AS1012.9 at

Approximate Setting Times

Set Type	Setting Time at 20°C	Setting Time at 30°C
Initial Set	20°C	45 - 90 Minutes
	30°C	20 - 30 Minutes

Approximate Working Times

Temperature °C	Time(Minutes)
20	30-40 Minutes
30	20-30 Minutes

***Note:** Performance time will be influenced by the desired consistency of the compound. A more fluid compound will achieve the lower range of strength and the upper range in set and working time.

Features & Benefits:

- Single or two component material with high compressive strength.

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- Rapid curing.
- Can be applied directly onto prepared concrete substrates for temporary serv
- Adheres to prepared concrete surfaces with excellent adhesion to prepared and primed surfaces.
- Durable with high build characteristics.
- Eliminates the need for separate sand and cement screeds.



Recommended Applications:

- Repairs to damaged concrete - either permanent or temporary.
- Where some adhesive properties of the repair medium are required.
- Applied from 5.0mm to 150mm thickness in a single application.
- For internal or external use.
- High Strength option available with Surelevel 644 Primer Acrylic Liquid addition.

Coverage & Liquid Requirement:

For screeding characteristics use 1 litre of Surelevel 644 Primer with the addition of 1.4 - 1.8 litres of clean water.
For flowable characteristics, use approximately 1 litre of Surelevel 644 Primer with 2.5 litres per 20kg bag.

Packaging

Ramping Compound is supplied in a 20kg polylined bag.

Applications Instructions:

Substrate & Surface Preparation: The surface of the substrate should be sound and clean and free of loose dust. While Ramping Compound will achieve reasonable bond to prepare concrete surfaces without priming, priming with Surelevel 644 Primer will greatly increase bond where permanent fixing is required. Well bonded Ramping Compound to prepared substrates will still provide a sound surface should fine cracks occur through temperature or drying shrinkage stress.

Note: Bonding to prepared waterproofing membranes needs to be confirmed regarding appropriate primer requirements and compatibility with rigid ramping compound bonding to elastic substrates.

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Mixing: Ramping Compound requires a measured quantity of clean water and Surelevel 644 Primer to provide a smooth workable compound to suit the application. Excessive water will increase shrinkage potential and reduce ultimate strength. Mixing should be by adding the powder compound to the water and preferably thoroughly mixed with a mechanical high shear stirrer.

Application of Coating: Ramping Compound when compacted and cured will exhibit similar durability characteristics to high strength concrete of 30-40 Mpa grade. Ramping Compound can be coated with any system that adheres to a cement bound compound or concrete.

Clean-Up: Ramping Compound should be removed from tools and equipment with clean water immediately after use.

Storage: Ramping Compound has a shelf life of approximately 8 months, if kept in a dry environment completely away from moisture.

Health & Safety:

This product is classified as hazardous according to criteria of Work Safe Australia. Material containing Portland Cement and sand now fall into this category. Continuous or extended contact with this product may cause irritation as well as respiratory issues such as bronchitis or silicosis.

During use avoid inhalation of dust, contact with skin and eyes.

- Suitable protective clothing, dust masks, gloves and eye protection should be worn.
- Continual or extended contact with cement products can cause skin irritation.
- If skin irritation occurs, remove contaminated clothing and flush skin thoroughly with water for a minimum of 15 minutes. Contact Poisons Information Centre or consult medical adviser.
- Safety Data Sheets (SDS) are available on request from the office. Read the SDS and product data sheet carefully before using any product

DISCLAIMER Please Note: Recommendation and advice regarding the use of this product is to be taken as a guide only and Surelevel shall not be liable for any inaccuracy in the information or for any loss, injury or damage whatsoever resulting from its use. To the full extent permitted by law, Surelevel liability is limited at its discretion, to the replacement of the goods or the supply of equivalent goods.

Fire: Ramping Compounds is non Flammable

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Document Date: October 2026 (Rev 1.2)

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Document Date: October 2026 (Rev 2.8)

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