

# SUPA COAT DIY NZ 501 Plaster Mix



## Cement Render for Masonry Repairs and Plastering

*Supa Coat® DIY NZ 501 Plaster Mix* is a factory pre-mixed cement/lime/sand dry render for exterior and interior use over rigid substrates including concrete block, stucco mesh, aerated autoclaved concrete (AAC), brick, and for use as a mortar or for masonry repairs. *Supa Coat® DIY NZ 501 Plaster Mix* is not suitable for use on polystyrene or fibre cement board.

### Description

*Supa Coat® DIY NZ 501 Plaster Mix* is a traditional solid plaster suitable for hand mixing and application by hand. This render is easily applied, trowelled and worked to a flat finish by sponge, float or trowel.

### Properties

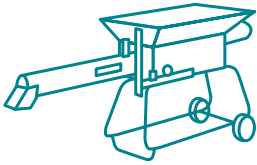
*Supa Coat® DIY NZ 501 Plaster Mix* cement render is suitable as a multi-coat finish for use on brick, concrete block, AAC, and as a base and finish coat over stucco mesh systems or for use as a mortar and for concrete repairs.

### General Instructions



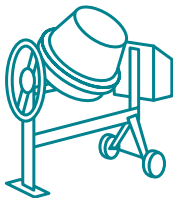
- *Supa Coat® DIY NZ 501 Plaster Mix* can be hand mixed using an electric drill and bucket, in a wheelbarrow or with a cement mixer.

- *Supa Coat® DIY NZ 501 Plaster Mix* cement render can be easily worked to any required or specified finish from bold high profiles to smooth sponge, or steel float textures. Workability is assisted by controlled setting times (2-6 hours depending on product and conditions).



- The substrate for *Supa Coat® DIY NZ 501 Plaster Mix* cement render shall be sound, free from dust, loose particles, release oils or other contaminants which may affect adhesion or bond strength.

- Preparation before application of *Supa Coat® DIY NZ 501 Plaster Mix* shall include:
  - a clean surface by light brushing or waterblasting.
  - suitable sealer for high absorbing substrates such as AAC.



- Application of *Supa Coat® DIY NZ 501 Plaster Mix* may be by hand and then can be spread using a straight edge and trowels. With the use of a soft sponge and extra water, the surface can be worked to an even smooth finish as required.
- Coverage is approximately 3m<sup>2</sup> per 20kg polylined bag at nominal 4mm thickness.
- Storage of *Supa Coat® DIY NZ 501 Plaster Mix* can be for up to six months in a dry place.

### Reinforcing Mesh

- Fibreglass mesh reinforcing is recommended for use in potential cracking areas such as adjacent to windows and door corners, where there are dissimilar substrates and to reduce panel deflection due to wind loading. The mesh is embedded into the top coat of wet plaster using a standard trowel.

### Painting and Waterproofing

- *Supa Coat® DIY NZ 501 Plaster Mix* will deteriorate over time if left unpainted or unsealed.
- Paint coating can take place after curing *Supa Coat® DIY NZ 501 Plaster Mix* at a rate of one day for every 1mm of thickness. It is recommended that an approved sealer and elastomeric paint system be applied to *Supa Coat® DIY NZ 501 Plaster Mix* to protect the product.
- Quality of cured *Supa Coat® DIY NZ 501 Plaster Mix* complies with NZS 5251. Part 1 : 1998 "Cement plasters for walls, ceilings and soffits".
- Safety in Working with *Supa Coat® DIY NZ 501 Plaster Mix* is set out in the Supa Coat "Material Safety Data Sheet" overleaf.

# Material Safety Data Sheet

## Identification

### PRODUCT NAME:

*Supa Coat® DIY NZ 501 Plaster Mix*  
(MINERAL COATING).

### PRODUCT CODE:

NZ 501

## Physical Description and properties:

Appearance: Powdered cement-type product.  
Odour: None  
BP: Not Applicable  
Density: 1500 kg/m<sup>3</sup>  
Volatile: Nil  
pH: < 8  
Flammability Limits: Not Applicable

## Use:

Trowel-on cementious Render  
Dangerous goods classification:  
UN Number: Not Applicable  
Hazchem code: Not Applicable  
Poisons schedule: Not Applicable

## Composition:

Ingredients:	Content:
Reactive Fillers	High Content (>60%)
Cement	Medium Content (10-60%)
Lime Hydrated	Low Content (>10%)
Auxiliaries	Low Content (<10%)

## Health Hazard Information

	Health Effects:
Swallowed:	Irritating to mouth and digestive tract, alkali.
Eyes:	Irritating to eyes.
Skin:	Prolonged contact may cause dermatitis.
Inhaled:	Dust may cause respiratory discomfort if inhaled for long periods.

## First Aid

Give plenty of water and seek immediate medical advice.  
  
Irrigate copiously with milk or 0.9% Sodium Chloride eyewash solution or equivalent for at least 15 minutes.  
  
Wash skin thoroughly with a lanolin based hand cleaner or mild detergent and water. Do not use solvents.  
  
Remove person to fresh air, apply artificial respiration if necessary.

## Precautions for use

### Exposure Limits:

Long term exposure to cement or lime dust can cause irritation or inflammation of the respiratory system and of the eyes. Wet cement, and lime, especially as an ingredient in plastic (unhardened) render can dry the skin and may cause alkali burns. Prolonged exposure may cause dermatitis.

### Ventilation:

In dust environments the use of dust masks and properly fitted goggles are recommended. Local dust extraction and collection may be used if necessary, to control airborne dust levels. Use of barrier creams, or impervious gloves, to protect the skin from contact is recommended.

**IN CASE OF DOUBT AND WHERE SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION**

## Safe Handling Information

### Storage and Transport:

*Supa Coat® DIY NZ 501 Plaster Mix* needs to be protected from moisture. Storage may be in steel bins, or plastic lined multi-ply paper bags.

### Spills and Disposal:

Spills are best cleaned up by dry methods such as a broom and shovel or vacuum device so as not to disperse dust into the air. Care should be taken to ensure product does not enter drainage systems. Personnel should wear full cover clothing. In confined environments personnel should wear dust masks and goggles. When handling wet cement or lime based renders personnel should wear boots and gloves. Mineral coatings can be treated as common waste for disposal or dumped into a land fill site.

### Fire/Explosion Hazard:

Non flammable, will not decompose into hazardous by-products.

### Environmental/Ecological Effect:

Environmentally safe, and will not affect biological purification plants.

## Warranty Information

*Supa Coat® DIY NZ 501 Plaster Mix* manufacturers' warranty is a no consequential damage warranty for the Product(s) only and does not warrant the workmanship of the Applicator. Except where the Consumer Guarantees Act 1993 requires otherwise, the liability of Rimpac for Product(s) proven to be defective pursuant to the above warranty is limited, at Rimpac's sole option, to replacement of Product(s) or a refund of the purchase price paid for the Product(s). Rimpac shall not be liable under the above warranty for:

1. Damage caused by maltreatment of the Product(s), such as mechanical damage, either during application or at some subsequent time.
2. Damage caused by faulty design and/or construction of the premises on which Product(s) are applied.
3. Product failure due to faulty application.
4. Any consequential, incidental or special damages arising directly or indirectly from the use of the Product(s) (as conditions of use are beyond RimPac's control).
5. Loss, damage, physical injury or loss of income sustained arising from the use of any of the Product(s) (as conditions of use are beyond RimPac's control).
6. Durability of the Product(s) when subjected to abnormal conditions, see RimPac *Supa Coat® DIY NZ 501 Plaster Mix* Manufacturer's Warranty.

Manufactured for Rimpac Trading Company Ltd (Rimpac) by Drymix NZ Limited Feilding.