



**Innovative  
Coatings**

## Product Guide

# Innocoat Modacryl Sealer

**Innocoat Modacryl Sealer is a medium build coating to protect most concrete surfaces, including patterned, stamped concrete, exposed aggregate and brick. Innocoat Modacryl can be used on both interior and external surfaces as it is water based and odour free.**

## Description

Innocoat Modacryl Sealer gives a long lasting 'wetlook' gloss finish with good resistance to sunlight, ideal for bringing out the depth of colour in coloured concrete or tiles. Being water based Innocoat Modacryl can be applied to both interior and exterior surfaces.

## Features

- Water based, odour free and VOC free
- Designed and manufactured in New Zealand to withstand New Zealand conditions.
- Enhances the concrete's appearance with a semi-gloss 'wetlook' finish
- Provides protection against stains and soiling
- Suitable for concrete or tiles
- Easy to apply and quick drying.

## Cautions

- Cannot be applied as a waterproofing agent
- Does not act as a filler - cracks and defects must be repaired prior to application
- Exterior concrete should be appropriately textured as the sealer may increase to ensure the slip co-efficiency
- Can not be used in temperatures below 8°C
- While being a highly durable coating, the coating is still susceptible to scratching.

## Physical Properties

Appearance : White milky liquid

Odour: Slight odour

Water Solubility : Miscible in water

Pack Sizes : 1, 5, 10, 20 L Units.



## Product Guide

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### Precautions

- Do not seal any concrete less than 28 days old
- Do not apply to any surface that has previously been treated with another product, ie other sealers, curing compounds, etc
- Do not apply to highly burnished floors
- Do not seal concrete if the concrete temperature is below 8°C or above 30°C
- Do not apply to concrete surfaces that are not completely dry, not just surface dry.
- Do not dilute.
- Any cracks, pitting or pinholes must be treated prior to application
- Any spills must be cleaned up immediately to avoid staining

### Preparation

It is recommended that a test area is undertaken before application to ensure the sealer adheres correctly to the surface and provides the required finish.

Prior to application it is important to ensure that Innocoat Modacryl Sealer can be applied to the concrete surface. A simple "water test" will quickly show if the surface will accept the coating.

- Drop a small amount of water on the concrete surface.
- If the water darkens (ie penetrates) the concrete within 15 – 30 seconds the concrete is likely to accept the sealer
- If the water beads on the surface this indicates that the concrete has high surface tension (too dense) and is not suitable for sealing with Innocoat Modacryl Sealer.
- The beading could be due to previous treatments with other sealing compounds or contaminants. These must be removed prior to any sealer application.

Once it is confirmed that Innocoat Modacryl Sealer can be applied prepare the concrete surface as follows;

#### New concrete surfaces :

- Prepare by a light acid etch using Innocoat SyT Etch and waterblast with 2000 p.s.i to remove any laitance.

#### Old concrete surfaces :

Any existing coatings must be removed by grinding, followed by the water test to ensure all remnants have been removed

Any contaminated areas should be treated with the appropriate cleaning agents and pass the water test prior to application of the sealer. When any coatings have been removed and contaminated areas treated, lightly acid etch with Innocoat SyT Etch and rinse thoroughly with fresh water.



## Product Guide

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### Equipment

Innocoat Modacryl Sealer can be applied with any of the following;

Soft bristle broom – recommended for textured surfaces

Roller – Use carefully to ensure even application. Use a 5mm mohair nap or similar, recommended for smooth interior surfaces. Microfibre mop can be used for second or subsequent coats

Paint tray

Safety Equipment – see Personal Protective Equipment section

### Application

New concrete **MUST BE FULLY CURED** (at least 28 days after pouring) and then prepared as outlined above.

- Wash surface with neutral detergent and water at low concentration and rinse off with clean water. Allow to dry to slightly damp and apply one coat by short nap roller diluted 10-50% with water.
- Allow to dry thoroughly then apply a second coat (and third if necessary) to obtain a film build up of approximately 150 microns (approx. paper thickness)
- Apply in thin coats, avoid pooling
- Apply a minimum of 2 coats. Porous or ground concrete may require a third coat to form an even surface coating. Dry thoroughly between coats.
- Drying time between coats is usually 4 - 6 hours after application.
- Apply next coat within 24 hours, if longer a light sanding between coats is recommended.
- Allow 48 hours curing time before use.

### Coverage

- approx. 8 - 12 m<sup>2</sup>/ L depending on porosity and texture of the surface

Clean-Up All equipment can be cleaned with water.

### Storage and Handling

Handling : Suitable protective clothing must be worn – Refer Personal Protective Equipment section

Storage : Store in cool, dry, well ventilated place in original container. Store out of reach of children.

Store away from direct sunlight, oxidizing agents, acids, detergents and foodstuffs.

Ensure container is sealed when not in use and is checked regularly for leaks or spills.

Innocoat Modacryl Sealer can be stored once opened for up to 12 months.



## Product Guide

# Innocoat Modacryl Sealer

### Personal Protective Equipment

- Eyes : Avoid contact with eyes. Avoid splashes.
- Skin : Protective gloves and clothing are not normally necessary.
- Respiratory : A respirator is not required under normal use. Ensure adequate ventilation  
See SDS for full Health and Safety information.

### First Aid

- Swallowed : DO NOT induce vomiting. Give water or milk to drink. Obtain medical attention immediately.  
For emergency information contact the National Poisons Centre (0800 764 766)
- Eyes : Immediately flood with copious quantities of water, flushing eye thoroughly, for at least 15 minutes.  
Seek urgent medical attention.
- Skin : Remove contaminated clothing and shoes. Wash skin thoroughly with excess water. If irritation occurs or persists, seek medical attention. Launder clothing and clean shoes before re-use.
- Inhalation : Remove patient from exposure, keep warm and at rest. If there is respiratory distress give oxygen and seek immediate medical attention.

### Identification

- UN Number : Not Applicable
- HSNO Approval : Non Hazardous
- Hazchem Code : Not Applicable
- DG Class : Not Applicable
- Packing Group : Not Applicable