

**Innovative  
Coatings**

**Product Guide**

# Innocoat Surf-Retard (Xtra)

**Innocoat Surf-Retard is a water based product used for creating decorative exposed aggregate on horizontal surfaces.**

## Description

Innocoat Surf-Retard Xtra (designed for concrete strength over 25MPa) is a surface retarder for the creation of exposed aggregate on new concrete, giving a decorative finish with increased anti-slip properties. The retarding agent in Surf-Retard reacts with fresh concrete and delays the setting of the surface layer while the concrete below sets. The result is a mortar paste on the surface that can be easily brushed and washed away leaving an exposed aggregate finish, which is not only decorative but also provides a non-slip finish.

## Features

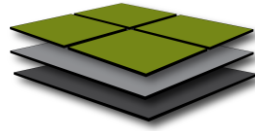
- Ideal for floor slabs, driveways, patios, swimming pools and footpaths
- Water based, odour free and VOC free
- Can be sprayed with a garden sprayer.
- Environmentally friendly
- Depth of etch will be between 4mm – 10mm. (Generally the depth of the etch should be less than one third of the mean diameter of the aggregate)

## Cautions

- Setting times vary depending on temperature, cement type, content and slump.
- This product is ready to use – DO NOT DILUTE
- If left too long the surface concrete will harden.
- Not recommended for use where fast set admixtures have been used.
- Where small aggregate is used do not start wash too early as bare spots may be created.

## Physical Properties

Appearance :	Red transparent liquid
Specific Gravity	1.04 – 1.06kg/litre
Viscosity :	Sprayable with normal spray equipment
Pack Sizes :	5L, 20L and 200L Units.
Shelf Life :	Twelve (12) months in original, unopened container



**Innovative  
Coatings**

## Product Guide

# Innocoat Surf-Retard (Xtra)

### Precautions

- Protect treated surfaces from direct sunlight or warm wind to avoid premature drying of surface.
- Always continue to check the degree of setting as temperature changes will affect the speed of set.
- If left too long the surface concrete will set and the retarder will not work.
- Do not dilute – Innocoat Surf-Retard is Ready To Use.

### Preparation

- Place concrete in formwork and wood float / trowel surface covering all stones
- Ensure substrate surface is clean and free from dust and loose material.

### Application

- Shake well before use.
- Spray undiluted Surf-Retard on as soon as the surface (bleed) water disappears and before the concrete starts to set.
- Ensure that coverage is uniform.
- Protect the coated surface from wind, rain or hot sun.
- Monitor setting time. As a rule within 12 – 24 hours after application remove the retarded surface evenly with a stiff broom and hosed water.

### Coverage

- approx. 5 m<sup>2</sup>/ L

Clean-Up      All equipment can be cleaned with warm 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.

Do not expose to direct sunlight in storage



## Product Guide

# Innocoat Surf-Retard (Xtra)

### 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.  
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 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.

### Identification

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