



## ***VITCON 9021 POLYCIL***

### **DESCRIPTION**

VITCON 9021 POLYCIL is a sprayable silicate based compound for surface application to harden, cure, seal and dustproof concrete. It can be used on all new concrete surfaces whether fresh or already cured and can be used on older, dusting concrete surfaces

### **AREAS OF APPLICATION**

- Interior or exterior horizontal concrete
- Educational and medical facilities
- Office and multi-residential buildings
- Warehouse floors
- Food storage areas
- VITCON9021 POLYCIL is often used to cure concrete

### **FEATURES AND BENEFITS**

- Seals, hardens, cures and dustproofs
- in one operation No solvent vapors
- when applying  
Mortar and concrete can be easily removed from a
- VITCON 9021 POLYCIL treated floor Resists
- penetration of oil and chemicals and deteriorating
- actions of salts Equipment can be cleaned with water
- Can be tiled over
- Can also be used with wax based curing compounds



## **SPECIFICATION AND COMPLIANCES**

- Complies with Federal Specifications and Corps of Engineers Specifications for silicate concrete surface treatment.
- Conforms ASTM C 309

## **TECHNICAL SPECIFICATION**

Typical Performance Application Foot Traffic Wheel Traffic

### ***APPEARANCE***

Cure Time

4 - 6 hours 24 hours

VITCON 9021 POLYCIL is a white liquid which dries white.

### ***COVERAGE***

3.8 litre of VITCON9021 POLYCIL will cover from 14 to 56m<sup>2</sup> of concrete surface depending upon the porosity of the concrete and job requirements. The following rates of coverage are approximate.

	<b>Rough Finish</b>	<b>Finely Textured</b>	<b>Well Troweled</b>
Fresh Concrete	7.4	9.8	12.3
Newly cured bare concrete	8.4	7.4	9.8
Floors to be tiled			12.3
Dusting concrete or		7.4	12.3

**Additional coats** - After initial coat, additional coats may be required to seal the surface. The coverage will increase with each additional coat.



## **APPLICATION METHODOLOGY**

### ***SURFACE PREPARATION***

The concrete surface must be clean, dry and free of any contaminant or coating which may interfere with the penetration of VITCON 2091 POLYCIL

### ***MIXING***

VITCON 2091 POLYCIL is ready to use and requires no pre-mixing.

### ***PLACEMENT***

Apply VITCON 2091 POLYCIL to a concrete surface in a continuous film. Best results will be achieved with a hand or power sprayer although a soft bristle broom or squeegee may also be used. Brush out all puddles and runs immediately. Concrete abrasion resistance increases with additional coats of VITCON2091 POLYCIL. Each coat must be thoroughly dry before applying a succeeding coat. When used as a cure, coat the edges of the slab first after screeds are removed

## **PRECAUTIONS**

- Protect VITCON 9021 POLYCIL from freezing, although no damage will thereby ensue . In the even of freezing, thaw and stir or agitate before using. Protect metal, glass, wood, paint or brick from contact with VITCON 9021 POLYCIL. If accidentally mis-applied, wash surface with potable water immediately.
- If added abrasion resistance is required in new construction, consider the use of a dry shake floor hardener
- Allow the product to dry 4 - 6 hours before exposure to foot traffic. If excess VITCON 9021 POLYCIL is left on the concrete surface,
- a white residue may form and should be removed by scrubbing immediately.

## **PACKAGING**

VITCON 9021 POLYCIL is packaged in 5,20 &200 Litre