

RESIDENTIAL  
& COMMERCIAL

INDUSTRIAL  
& MARINE

ART  
& CRAFT

**SHIMICOAT**  
SURFACE SOLUTIONS



## Description

An Ultra Clear water based Semi-Gloss finish Polyurethane, single component sealer, designed to protect and enhance concrete surfaces internally and externally. SHIMICOAT AQUAthane is an advanced formulation, cross linking emulsion with strong bonding to well-prepared concrete surfaces. The product can be used over existing solvent based acrylic coatings to freshen up your concrete surface. AQUAthane is an odorless, Green Star compliant (VOC free) sealer.

A ready-to-use water-based Polyurethane clear topcoat with excellent adhesion for added scratch and mar resistance with excellent moisture barrier properties. The product is engineered for superior toughness, durability, water resistance, and is excellent for applications where hardness and longevity are required. AQUAthane is a environmentally benign, non-flammable, fast drying, low odor alternative to solvent-based lacquers.

The product can be applied to most surfaces such as:

- Driveways
- Garage & Warehouse Floors
- Cafés and restaurants
- Alfresco & Patio

## Features

AQUAthane is a single component water-based sealer designed to soak into the surface and provide protection from moisture ingress. The product's outstanding features:

- Easy Application:
  - Rolled
  - Brushed
  - Spray
- Water Based Product
- Non-Hazardous – Non-Dangerous Goods technology
- Odorless
- Weather resistance, friction resistance and compression resistance
- Hardwearing finish surface
- Excellent adhesion to concrete
- Excellent waterproof and anticorrosive properties
- Ideally suitable for under direct sunlight with extreme UV radiation
- Excellent anti-graffiti coating
- Excellent resistance to oil and most household chemicals
- Ideal for both Indoor and Outdoor
- Ready-to-use formulation without any need for dilution
- Protect against salt ion ingress
- Protect against efflorescence & biological growth
- Long lasting and Durable



**MATERIALS**



**CHEMICALS**



**RESINS**



**EQUIPMENT**

## Pack Size

Larger kit sizes are available for special orders.

NO	Kit Size (Lt)
1	5Lt
2	20Lt

## Colour Chart

Milky Liquid to Cure into Crystal Clear Finish

## Epoxy vs Polyurethane

SHIMICOAT is the manufacturer and supplier of a wide range of Epoxy products for various applications and different desired performance results. Epoxies have below desirable properties:

- **Super strong bonding to a well-prepared concrete surface**, creating a well-adhered system base that will allow subsequent build and topcoats. A complete coating system is only as good as its initial bond to the concrete substrate.
- **High Build Up/ High Thickness epoxy application of 10mm or more**, ideal for basecoat. High Build Up/ High Thickness epoxy application of 10mm or more by self-levelling allows the coating to chemically bond to the epoxy primer, and is thick enough to your desire to self-level and fill minor concrete blemishes and hairline cracks. Depending on the desired performance requirements and condition of the concrete, more build coat applications may be installed by PourOn method. Upon curing, the epoxy build-coats provide a hard, durable surface.
- **Easy Installation & High Performance upon curing**, the epoxy build coats provide a hard, durable surface with good impact resistance
- **Resilient, impact resistant and hardwearing**: Ideal for high traffic floor,
- **Cost Effective** when compared to many other industrial flooring solutions

The two major drawbacks with Epoxy products are:

- Sensitive to UV radiation of sunlight and they tend to amber or yellow over time, so non suitable for outside applications, under direct sun or UV radiation
- Epoxies are not as abrasion and chemical-resistant as polyurethanes, they are more susceptible to scratch and marks

SHIMICOAT recommend Epoxy applications for basecoat and those areas out of direct sunlight and UVthane or AQUAthane for all topcoat applications.