

RESIDENTIAL  
& COMMERCIAL

INDUSTRIAL  
& MARINE

ART  
& CRAFT

**SHIMICOAT**  
SURFACE SOLUTIONS



## Description

UVthane Clear is one of SHIMICOAT's innovative products for topcoat applications over Epoxy, Flake, Metallic or direct on concrete or timber surfaces. The product is a high solid and high build Two Pack Polyurethane specifically engineered to achieve a smooth, hardwearing surface for Flake flooring, textured concrete, masonry, laminate and timber surfaces. It is an ideal choice for use in areas which require an extremely high build, hard protective coating with reasonable UV resistance properties offering clarity and functionality. It produces a high gloss with excellent weathering properties and abrasion resistance. While the main purpose of SHIMICOAT UVthane Clear is to be used as clear topcoat, it can also be tinted in all Australian Standard colours for specialized applications.

SHIMICOAT Polyurethane is widely used in marine services where high gloss UV resistant, salt tolerance, hardness and abrasion resistance are required.

Developed by SHIMICOAT R&D department, UVthane Clear is a high-performance resinous surface coating for industrial manufacturing environments, focusing on important properties required for a topcoat protective application.

As an outstanding protection for your valuable business assets, SHIMICOAT Crystal Clear Polyurethane offers all those properties you may require:

- Can be applied as thin as you wish without any compromise on performance
- Abrasive/scratch resistant when compared to MANY other surface coating materials
- Chemical resistant to harshest chemicals available in household
- Long lasting as it DOES NOT wear out
- Modern, Hygienic, Economical and Functional

For mining, oil & gas industry, agricultural machinery, plant and equipment, marine services or any other application where exceptional durability is crucial, this ultra-tough two-pack polyurethane direct gloss topcoat provides superior performance.

The product retains excellent gloss and colour over a long term, keeping your valuable equipment surfaces and floors looking great while enhancing the image of your business.

Direct-on application and Ideal for most surfaces:

- |                              |                        |
|------------------------------|------------------------|
| ▪ Grey Concrete              | ▪ Timber Surfaces      |
| ▪ Exposed Aggregate          | ▪ Metal Surfaces       |
| ▪ Limestone                  | ▪ Laminate             |
| ▪ Decorative Concrete        | ▪ Polished Concrete    |
| ▪ Epoxy Flake Floors topcoat | ▪ Tools and Appliances |
| ▪ Tiles and all Pavers       | ▪ Indoor and Outdoor   |

Creating a smooth impervious surface



**MATERIALS**



**CHEMICALS**



**RESINS**



**EQUIPMENT**

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## Features

UVthane is in two parts A and B that you can open and use as you need and store the rest with shelf life of over 24 months. No matter how often you open the lid, it does not react with atmospheric moisture, so integrity of the product remains intact for its shelf-life, a few selected features of UVthane are:

- Easy Application:
  - Rolled
  - Brushed
  - Squeegee
- Non-Hazardous – Non-Dangerous Goods technology
- Odoules
- High solid, solvent-free, highly reactive two-component protective coating
- Water Clarity and high transparency
- Impervious finish surface
- Good weather resistance, friction resistance and compression resistance
- Hardwearing finish surface
- Bond well with good permeability into the substrate
- Excellent adhesion to substrates such as concrete, ceramic tiles, wood, metal and even glass surfaces
- Excellent waterproof and anticorrosive properties
- Ideally suitable for waterproofing repairs on concrete and tiles indoor and outdoor
- Ideally suitable for under direct sunlight with extreme UV radiation
- Excellent mark and scuff resistance
- Excellent anti-graffiti coating
- Excellent resistance to oil and most household chemicals
- Excellent chemical resistance
- Excellent resistance to water
- Excellent resistance to alkalis and high pH conditions
- Ideal for Indoor and Outdoor
- Ready-to-use formulation without any need for dilution
- Advanced polymer technology to penetrate deep with high build properties
- Protect against waterborne contaminants
- Protect against salt ion ingress
- Protect against efflorescence, biological growth
- Produces a hard, crystal clear film
- Excellent resistance to weathering
- Long lasting and Durable
- Excellent adhesion
- Tintable in all Australian Standard Colours
- Forms a hard-wearing surface
- Very durable coating
- Good dry and through cure Easily Recoated
- Compatible with decorative and slip resistant coating materials
- Economical

## Pack Size

NO	Kit Size (Lt)	Mix Ratios
1	1.15Lt	3.6A:1B (0.9Lt A + 0.25Lt B)
2	2.3Lt	3.6A:1B (1.8Lt A + 0.5Lt B)
3	4.6Lt	3.6A:1B (3.6Lt A + 1Lt B)
4	12.8Lt	3.6A:1B 10Lt A + 2.8Lt B)

Larger kit sizes are available for special orders.