



Specialty Nano Ceramic Coatings offer appearance rejuvenation



Specialty Nano Ceramic Coatings beautify Cars appearance



Specialty Nano Ceramic Coatings suit for all colors



CorroCell specialty nano ceramic coatings are scientifically designed for balanced amorphous transparency and crystalline hardness. The doped additives and fillers scientifically reinforce the coatings to perform thermal barrier effect, waterproof, oleophobicity, high mirror effect, staining resistance, scratch proof, corrosion resistance, and easy clean features and functions, catering for particular applications.

## Market

Nano Ceramic Coatings are classified into Automobile Coatings, Marine Coatings, Appliance Coatings, and Industrial Coatings



### Automobile Coatings

**ClearH01**, A premier coating imparts glassy and glossy appearance, strong abrasion resistance, and easy clean effects on car body surfaces. The applied glassy coatings offer scratch proof and reduce the ability of dirt, dust, and other pollutants to stick on. Once applied with this coating, you may not need chemical detergents to clean. The following car cleaning work can be done with just a soft cloth and water.

Additionally, the clearH01 rejuvenates the existing car paint appearance including the plastics and leaves a high gloss mirror effect. It maintains the appearance of your car and potential resale value. It is easy to apply and durable, suitable for every paint type. The overall benefit over the normal wax including long durability, solvent and chemicals resistance, fire resistance and paint scratch protection.

**ClearH02**, A high transparent coating displays ability to repel rain water. The super hydrophobic properties allow dirt particles to be picked up by water droplets rolling off and making containments hard to adhere onto the windscreen. This feature increases visibility during driving in rain. The coatings are permanent coatings. These can also save energy, cleaning labor cost, cleaning chemicals, and increase the safety from reducing the cleaning work on high altitude at Air Port, Hotels, and Other High Buildings.

**Clear M**, A premier transparent hydrophobic and oleophobic coating repels mud, dirt and other contaminates. The hydrophobic and oleophobic properties make containments hard to adhere onto the wheel rims, keeping them looking like new. This self cleaning effect [non-stick] coating makes routine cleaning job easier, and then save time, water, and energy.

### Applications extension

The products series are suitable for boats, trains, public transports, and aircrafts

### Appliances Coatings

Nano Ceramic Coatings for Appliances and Medical Equipments



NatureCell® clear and colored coatings do not contain heavy metal elements such as lead (Pb) cadmium (Cd), Chromium (Cr), and mercurium (Hg). They are formulated from FDA approved materials and/or third party verified toxicity free coatings. The coatings are designed for home appliances including kitchen ware and medical equipments.

**NatureCell Clear** is designed to re-in force NatureCell colored coatings for increasing wear resistance, scratch resistance, stain resistance, and non-stick effect as a topcoat. It is also used alone as nano transparent coatings

**NatureCell® 750n** is inorganic hybrid sol of colloidal metal oxides and specially designed nano fillers compositions. Colors are available for grey, black, blue, creamy, signal red and limited custom colors.

### **Industrial and Marine Coatings**

ClearM01 is designed to apply onto automobile, motor vehicle components, parts, and other polished metal and plastic surfaces, offering corrosion, wearing, oil, solvent, and fire resistance. It is also suitable for being applied onto industrial equipments and machines under oily, corrosive, and high temperature conditions.

ClearM02 is designed to be below waterline coatings. It contains algaecide, the ceramic coatings have naturally anti-bacteria function. Its super oleophobicity, hydrophobicity, the smooth glassy and non-stick surface make the attachments hard from algae and pollutants in water

### **Pricing and packing,**

**Pricing:** particular baulk deals are negotiable

**Packing:** 100ml, 200ml, 5LT, and 20LT

**Coverage:** all the nano transparent coatings have coverage of 80-120 SQM per kilogram  
The colored 750n has 40-60 SQM per kilogram

### **Retail price**

H01V2: 54AUD per kilogram,  
H02C: 39.98AUD per kilogram,  
H02V2: 64.98AUD per kilogram,  
M01: 129 AUD per kilogram

NatureCell Clear: 39.98 AUD per kilogram,  
Packing sizes: 5KG, 20KG  
NatureCell 750n: 54AUD per kilogram,  
Packing sizes: 5KG, 20KG, and 200KG

ClearM: 54AUD per kilogram,  
Packing sizes: 5KG, 20KG, and 200KG

### **Application Instructions**

The best functional and appearance effect for a coating come from proper application. The functional coatings are a system of substrate preparation, substrate clean, coating application, and coatings curing.

### Auto Coatings

Firstly, you use finest sand papers to smooth the surface, smoothing off any imperfection or granular particles

Secondly, clean and dry the sanded/smoothed surface by using industrial spirit

Thirdly, light foggy spray/or sponge wiping onto the cleaned surface and then buffing the sprayed liquids evenly to achieve gloss/shine/mirror effect, after 7-10 days, the coatings are stone hard, scratching proof, permanent coatings unless sanding off

### Appliances Coatings

- 1) Substrate preparation: blast sanding substrates surfaces and then cleaning
- 2) Apply the colored basecoat onto the above sanded and cleaned substrates and then apply the clear topcoat onto the cured and smoothed- color base coat by lightly spraying or wiping

**Additionally**, more details refer to respective product data sheets and materials safety sheets

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