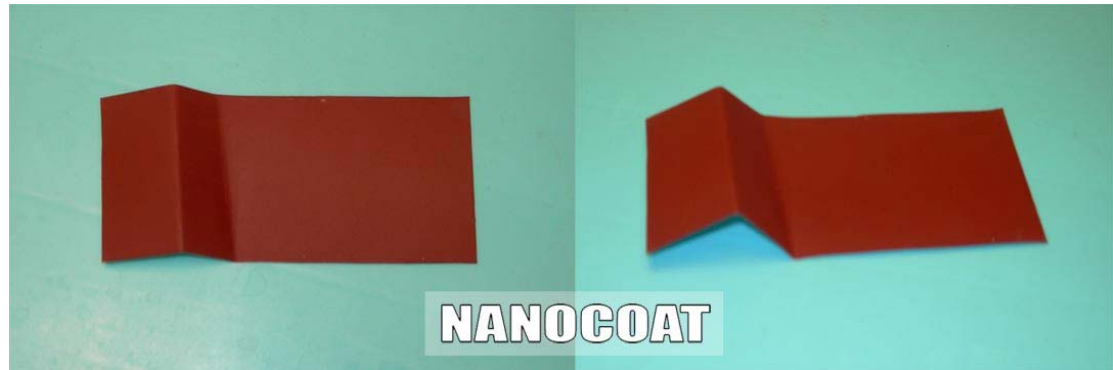


## ARC-100 : : Anti Rust Coating



The above picture demonstrates the superiority of nano particles. ARC-100 has been sprayed on a very thin zinc and bended more than 50 times. The result is, the anti-rust primer sticks strongly on the surface. No crack or loose coat appears after the bending.

ARC-100 is produce for home usage. NanoCoat provides anti-rust primer for larger and stronger usage such as water tank, chemical tank, gasoline tank, marine ship, container, car, and many others which is able to withstand rust for 15-20 years or even more depending on requirement.

### Introduction / Main features

- Applicable to all ferrous metal surfaces, such as, aluminum, steel substrates, galvanize etc
- Anti rusting & protects the surface from further corrosion
- Better than traditional solvent paint by 2-3 times in resisting, salt mist, salt water, nitryl, aging and temperature
- Thin & fast application, quick dry, less coat needed per m2. Nano size product provides a lower cost per sqm, as rust prevention only need 25-30 micrometer (minimum requirement in preventing rust). Unlike oil based which need a thicker coat.
- Another cost saving is on dilution, where Nano Coat product only need water to dilute.
- Strong adhesion and flexibility property. The coat does not break nor fall off by bending 180 degree.
- Paint with rust. Not necessary to remove the rust within 10um, just need to clean the surface from dust or grease. Thus safe some labor cost.
- Recommended for indoor and outdoor application
- Nano size particle - deeper penetration, better bonding, better protection
- Water based product - easy cleaning, water to dilute not solvent, less odor, non-flammable, quick dry, environmentally safe

### Application

Any metal surface, such as: metallic equipment, steel tank, machinery, iron fence, aluminum window, burglar bar, etc

### Coverage

10-12 m2 / lt

### Technical Index

No	Detected Items	Performance Index
1	Appearance	Guld red
2	Viscosity (s)	> 80
3	Thinness (um)	< 20
4	Strength (kg/cm)	>50
5	Rigidity (pencil)	HB
6	Solid content	> 62%
7	Masking power (g/m2)	< 70
8	Adhesion (Fones method)	-

No	Detected Items	Performance Index
9	Nitryl resistance	Non-foaming, non-expansion, non-bleeding
10	Salt mist resistance (80um)	>500h
11	Water resistance (300h)	Non-foaming, non-expansion, non-bleeding
12	Flexibility	Na, Si, Fe, Ni, Cu, ZA, Zr
13	VOC	< 50 gm
14	Saline water resistance (30days)	Non-foaming, rust proof
15	Oil resistance (500h)	Non-foaming, no-falling off
14	Gasoline resistance (150h)	Non-foaming, no-falling off

### Statement:

This brochure is based on our testing and experience and can be used as a construction guideline. Given the fact that many factors can affect the end result, we are only responsible for the quality of the product. As the technological progressing, we reserve the right to modify this specification without notice.