



Technical Data Sheet

METAL GUARD

A Water Based Direct Substitute to Thinner Based Epoxy
& Primer with Extra Features

SwishCoating

Description

Metal Guard, an innovative Water Based, Anti-Corrosive, Abrasion Resistant, Water Proof coating is formulated by us after thorough research and field testing. **Metal Guard** acts as anti-corrosive, water proof shield, The active chemical components (mostly imported from Germany & USA) in **Metal Guard** yield a highly anti-corrosive, abrasion resistant flexible water proof coating and it thus extends the life of Roofs (metal sheets and truss parts) considerably.

Metal Guard is a mixture of high grade cross-linked polymers, imported inhibitors, admixtures and specially graded and selected additives.

It dries very fast by evaporation to yield a tough, flexible, non yellowing abrasion resistant and water repellent surface. It can be applied on all types of Metal surfaces such as Aluzinc, Galvalum, G.I. M.S.etc.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Solid Content,		50
Lead Free Coatings		(< 32mg/kg)
Low VOC (Volatile Organic Compounds)		(< 51g/Litre)
UV Resistant		Yes,
Weathering	After 3 years(practical)	no cracking, chalking and discoloration
Algae & Fungus Resistant		Yes
Peeling Off	After 3 years(practical)	No Peel Off
Drying Time	Within 10minutes during Day time when exposed to direct Sun	

Features & Benefits

- *Anti-Corrosive
- *Flash Rusting Resistant
- *UV Resistant
- *Highly Abrasion Resistant
- *Fungal Resistant
- *Highly Water Repellent Compound
- *Film thickness – Provides higher dry film thickness of 90 to 120microns after two coats.
- *Drying Time -Fast Drying -Within 30minutes, second coat can be applied if exposed to sunlight
- *Eco friendly
- *Highly Abrasion Resistant
- *Fungal Resistant
- *Solvent Free
- *Long Lasting
- *UV Resistant
- *Less Expensive-No need of expensive thinner for Dilution & Cleaning
- *Dilution- With Potable Water

Areas of Application

Building Roofs as well as Walls made of Metal Sheets and Metal Truss work like Aluzinc, Galvalum, G.I. etc.

General Information

Physical state / form..... Paste

Colour..... Any Colour

Odour.....Slight

Flammability of the Product: Non-flammable . Safe to Transport..

If stored and handled in accordance with standard industrial practices no hazardous reactions are known

Method of Application

Surface Preparation: The surface (to be coated) must be free from dust, loose material, paint, oil, or any material which may impair adhesion. Mechanical means such as Emmari paper may be used for making the slightly rough to have better adhesion. Apply two coats of **Metal Guard** after proper mixing and dilution, with water with brush at an interval of minimum 30 minutes (if indoor) between each coat.

Mixing Procedure for 1kg Packing

Metal Guard comes in a paste form.

1. Empty the Paste completely into a separate Container.
2. Mix thoroughly by adding water little by little upto 100ml to 120ml for 1kg packing (Never add water in a single stretch)
3. Mix with a rod or Mixer for a few minutes
4. Add little more water only if necessary to get the desired effect.
5. Most Important: the solution is to be stirred with brush or rod intermittently during application.
6. Do not keep the mixed solution for future use. Use within 2 to 4 hours time.
7. Recommended two coats to get 100 to 120microns thickness.

Other Details

Coverage above 110 to 130 sq.ft per kg(Single Coat)

Packing 1kg, 5kg & 16kg

Shelf Life & Storage

Shelf life is 12 months from the date of manufacturing in unopened condition. store in a cool & dry place.

Health & Safety Precautions

Skin Contact: Wash skin with soap & water. Remove contaminated clothes.

On eye contact: immediately splash eyes with plenty of water. Consult Physician if irritation persists.

Ingestion: Do not induce vomiting. never give anything by mouth to an unconscious person. Call a Physician

Other Products .

Categories Available - Roof Shield Range of Products for Construction Industries.

Manufactured By:

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