

## TECHNICAL DATA SHEET

### Rustproof metal ARS-01

The new generation of metal paint has arrived! This advanced formula has been specially tested and developed to ionize metal to prevent it from easily oxidizing, even when scratched. Our best rust inhibitor yet. Period.

- Performs best without primer, directly on metal.
- Hard and resistant finish with the addition of epoxy.
- Adheres directly to glossy and oil-based surfaces.
- Apply from 12 hours before rain.
- Submerged for 4000 hours with deep scratches on the sample.



#### TYPE OF SURFACES:

Recommended for new or previously painted surfaces such as metal and wood. Not designed for floors or roofs.

#### SURFACE PREPARATION:

Surfaces should be dry and clean, free from dust, dirt, grease, oil, wax, mildew, peeling paint. Glossy surfaces should be frosted.

Coatings that crack or flake off should be scraped or removed prior to application. Holes and cracks should be pre-repaired with a compound. Stubborn stains or very porous or absorbent repairs, an additional coat or stain-concealer is recommended.

Thoroughly degrease the galvanized metal before covering it with white vinegar only.

#### APPLICATION METHOD:

Mix thoroughly before using; apply one or two coats. A drastic change in color may require an additional coat. This product can be applied by brush (synthetic fibers), roller or sprayer.

#### RECOMMENDED PRIMER:

This paint contains an integrated primer for most new or previously painted surfaces. For alkyd painted surfaces, sand lightly to roughen the surface. In case the metal is bare, it is best to apply directly without a primer for better rust protection.

#### DRYING:

Even if the paint appears to be dry to the touch, please wait 4-6 hours before recoating under the following conditions: if the temperature is around 20°C and the humidity is normal. You may need to double the above drying time if the temperature is below 20°C, the humidity is high, or the color is dark.

#### TO NOTE:

This high performance paint is designed to protect metal from rust. To do this, it is preferable, unlike other paints of this kind, that the paint film touches the metal directly. This will provide better protection in the event that the paint film is scratched.

#### GUARANTEE:

We certify that our products are of high quality and the information mentioned in this document is provided in good faith. However, since we do not control the application conditions and the surface preparation, the warranty for this product is limited to its purchase price.

#### DISPOSAL OF RESIDUES:

Use all contents or dispose of them appropriately by checking

with recycling organizations in your area or return them to your dealer who will dispose of them properly.

#### SPREADING RATE:

It is important to respect the spread rate mentioned opposite in order to maintain good opacity and to avoid overlapping marks. This data may vary depending on the porosity and texture of the substrate and whether or not dye has been added.

#### TOOL CLEANING:

Tools should be cleaned with soapy water immediately after use.

#### WARNING:

The guidelines apply to most applications. However, they may not cover certain conditions, application techniques or special surfaces. If you are not sure, check with your retailer or test on a small area.

#### SECURITY MEASURES:

Use this product only in a well ventilated area. Do not use this product outdoors. Do not dilute the product. Wash thoroughly after handling the product. Use suitable protective equipment. Keep out of the reach of children.

#### FIRST AID:

If swallowed, call a poison control center or doctor immediately. In case of contact with eyes or skin, rinse thoroughly with water.

#### TECHNICAL SPECIFICATIONS:

Finish / sheen	Semi-gloss, 45-55 (at 60°)
Formula	Paint and primer in 1
Format (s) offered	Quarts and gallons
Color compatibility	Universal and zero-VOC
Resin	100% acrylic reinforced with epoxy
Pigment	Titanium dioxide
Solvent	Filtered water
Drying time at 20°C (68°F) to 50% HR <sup>2</sup>	Dry to the touch – 1 h To recover – 4 to 6 h Rain resistant – 24 h
Coverage	± 500-550 pi <sup>2</sup> per 3.78L
VOC content	Less of 105 g/L
Solids by volume	36% ± 1
Recommended tools	Roller – 10 mm Brush – Nylon-Polyester Paint sprayer - 0.017-0.021 (1,500-2,500 psi)
Surface temperature for application	Minimum – 15°C (59°F) Maximum – 30°C (86°F)
Recommended film thickness	Wet – 4.0 Mils Dry – 1.4 Mils
Cohesion process	Coalescence
Viscosity	92 ± 2 KU
Frost resistance	Protect from freezing
Flash point	NA
Weight per 3,78 L	5kg (12.43 lb)