

## PROTALL 1620

EXTERIOR METAL PRIMER  
Solvent-based product, Matt finish

### Description:

PROTALL 1620 is our premium industrial grade rust preventative alkyd metal primer for ferrous metal substrates such as structural steel, railings, equipment, and machinery. It is formulated to provide lasting rust and corrosion resistance on a variety of interior and exterior metal surfaces and may be top coated with water-based or alkyd/oil-based finishes.

Conforms to Egyptian Standards 1541/2020

### Features:

- Rust Resistant
- Excellent Coverage
- Resist Sagging
- Abrasion resistant
- Moisture Resistant
- Easy to apply

### Physical Properties:

Color	Red (Also available in grey, green & black)	
Appearance	Opaque	
Gloss	Matt	
Solid Content by volume	59% ±2	
Specific Gravity	1.4 ± 0.05	
Flash Point	40°C	
Thinning	White Spirit Up to 15%	
Theoretical Spreading Rate	14 - 16 Sqm/Liter/Coat (The Actual coverage depends on substrate nature and preparation & method of application)	
Average Dry Film Thickness	30-40 µm	
Drying Time	Touch Dry:	2 Hours
	Re-Coat:	Minimum 6 Hours
	Full Curing:	24 Hours
When relative humidity is higher than 50%, double the required time. Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.		

### Application Conditions:

Temperature: 10 to 30°C (ideal 20°C ± 5°C). Relative humidity: Ideal between 15 and 55%, maximum 85%.

Maintain these conditions during the application and the following 24 hours.

Low temperature, high humidity, thick films, or poor ventilation extend drying time.

### Surface Preparation:

Surface must be clean and dry. Remove all loose, peeling paint, dirt, grease, and any other surface contaminants. In case of rust on the surface it should be removed using abrasive blasting or treated with RUSTON 517

### Application Procedure:

Thin with white spirit up to 10% when using brush or roller, and 15% when using spray.

Stir thoroughly before use and occasionally during use.

Pour the quantity of paint needed into another container to avoid contaminating the original paint container.

Keep containers closed when not in use. Apply the product by complying with its spreading rate, leaving no bare spots or excessively coated areas. Provide adequate ventilation. Observe drying time between coats. Low temperatures or high humidity will affect drying time.

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### Application Tools:

Roller	Brush	Spray Gun
Recommended	Recommended	Conventional or Airless spray
<i>Apply using a smooth to medium nap synthetic roller cover, depending on texture or surface porosity</i>	<i>Apply using a quality nylon, polyester or combination nylon/polyester brush</i>	Airless Spray Guide: Nozzle tip: 0.015-0.021 inch Spray Angle: 20°- 60° Nozzle Pressure: 140 – 190 kg/cm <sup>2</sup> (2100 psi)

### Recommended Application System:

Product	Number of Coats	New Substrates	Old Substrates Rusted
RUSTON 517			
PROTALL 1620		2	2

### Shelf Life & Storage Conditions:

Keep in a dry and ventilated area, between 10 and 30°C away from direct sunlight, heat sources or freezing temperatures.

Under such conditions, unopened containers may be stored up to 24 months from manufacturing date.

### Disposal:

Clean up any minor spills and spatters immediately with Mineral Spirits, as well as all painting tools and airless equipment. More serious paint spills should be contained and removed with inert absorbent material. Dispose of contaminated absorbent, container, and unused contents in accordance with local regulations.

### Health & Safety Precautions:

Please observe the precautionary notice displayed on the container. Use under well-ventilated conditions wearing suitable protective clothes. Sanding and grinding dusts may be harmful if inhaled.

#### FIRST AID TREATMENT:

In case of skin contact, wash thoroughly with plenty of warm soapy water. For eye contact, flush with plenty of water for 15 minutes and get medical attention immediately. If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting, get medical attention immediately.