

# TIME R.O PRIMER

11000867

## DESCRIPTION:

High-quality, abrasion-resistant alkyd primer that contains red iron oxide pigment that prevents rust when exposed to weather conditions.

## CHARACTERISTICS:

- Superior rust resistance
- Very good adhesion strength
- Resistant to different weather conditions

## RECOMMENDED USE:

It is widely used as a basis in external and internal applications in industrial facilities, on ironwork such as warehouses, metal structures, doors and fire extinguishing systems.

## PHYSICAL CONSTANTS:

- Appearance: matte.
- Colour: red.
- Steel size: 55% ASTM 2697D.
- Viscosity: 87 Krebs units at 25°C, 562D ASTM.
- Specific gravity: 1.58 1475D ASTM.
- Dry layer thickness: 40 microns.
- Theoretical diffusion rate: 13.75 m<sup>2</sup> / liter at dry layer thickness: 40 microns.
- the exams:
- Value (volatile organic substances): 310 grams/liter.
- MPI is compliant with Standard No. 79
- 99.4% coverage 2805D ASTM Wimpy Laboratories - UAE
- 2 ASTM 4541D Wimpy Laboratories - United Arab Emirates
- Adhesion 3.41 N/mm

## DRYING TIME:

- Drought times depend directly on the air in the ocean, temperature, layer thickness and number of layers, and thus drought times will be directly affected.
- Temperature: 25°C / 77°F
- Ambient relative humidity: 50%
- Surface drying: three hours.
- Complete dryness: five and a half hours.
- Repainting period: minimum: 6 hours.
- Repainting period: maximum\*: --
- Dry period for filling the tank: 7 days

## APPLICATION TOOLS:

Drought times:

- With these factors.
- It depends directly on the air in the ocean, temperature, layer thickness and number of layers, and thus drought times will be directly affected.

## TIME R.O PRIMER

11000867

### THINNER:

Does not need

### THINNING RATIO:

Does not need

### APPLICATION GUIDE:

Surface preparation:

- All visible surface impurities such as grease, oils and dust must be removed using a suitable cleaner according to the specification: (1 SP - SSPC). Salts and other impurities must be removed using pure water at high pressure.
- Any manufacturing defects, such as traces of welding, delamination, and sharp corners, are addressed before starting to prepare the surface.

Iron surfaces:

- The surface must be prepared according to the standard, Sa2 (NACE No.3/SSPC-SP6) or Sa 2½ (ISO 8501-1)- (NACE No.2/SSPC-SP10).
- Or cleaning with manual and mechanical tools according to specification: (3 SP -SSPC)

Coating system:

- Base: Time R.O Primer
- Final layers: painted with all types of alkyd-based paints (for others, consult the technical support department).

### PACKING:

- Packing: Base: Hardener
- drum 16 ltr

### SHELF LIFE:

In sealed container: 12 months in dry, cool and well ventilated place.

### SAFETY PRECAUTIONS:

Please read and follow the health and safety instructions on the packaging as well as the warning instructions in the MSDS for this product

- The product must be handled with caution before and during application
- Contact of the paint with eyes and skin or inhalation of its spray and vapors must be avoided during application
- It is recommended to use the product in well-ventilated places or use artificial ventilation
- The product must be kept out of the reach of children
- Please hand over leftover paint and surplus containers to any approved local entity for the purpose of use or recycling for the sake of environmental safety.

Note: Waste and empty containers are disposed of in accordance with local regulations specified in the Pollution Control and Environmental Protection Laws.