



**TDS 7.1**  
**WARRIOR QUICK DRYING (QD) PRIMER**

**DESCRIPTION:**

Warrior Quick Drying Primer is a single pack quick drying primer. The product has excellent adhesion to cleaned steel and dries to a matt finish.

**USES:**

Warrior Quick Drying Primer is an economical, high cover, quick drying primer for window frames, doorframes and all forms of manufactured steel items.

**SPECIFICATION OR RECOMMENDED PAINT SYSTEM:**

**SURFACE PREPARATION:**

- a) Steel: Surface must be clean and dry before priming. All mill scale and rust must be removed by mechanical abrasion, or sand blasting

**APPLICATION:**

- a) Apply one coat of Warrior QD Primer to the clean metal surface. Allow to dry for 30 minutes before overcoating with the Warrior top coat of choice. Ensure that the surface area has been completely covered.

**PROPERTIES:**

**APPLICATION:**

1. Dipping in dip tank
2. Conventional spray
3. Airless spray
4. Brush (small areas)

**CLEANING SOLVENT:**

E thinners

**THINNING SOLVENT:**

E thinners

**SPREADING RATE:**

PRIMER COAT: 6-8 m<sup>2</sup> per litre (depending on surface)

TOP COAT: Not Applicable

**DRYING TIMES:**

SURFACE DRY: 30 minutes

RE-COATING: minimum 30 minutes

**PACK SIZE:**

1L, 5L, 20L

**COLOUR RANGE:**

Red Oxide

**SPECIFIC GRAVITY:**

1, 15 ± 0, 05 kg per litre

**VISCOSITY:**

100-120 seconds F4 @ 25°C

**FLASH POINT:**

>9°C

**THINNING RATIO:**

1. Dip tank: 14-16 seconds F4 @25°C
2. Conventional Spray: ±10-15% by volume
3. Airless Spray: ±5% by volume

**FINISH:**

Matt



#### **GENERAL INFORMATION AND SAFETY PRECAUTIONS:**

- a) We recommend good housekeeping practices when using Warrior QD Primer, e.g. apply in a well-ventilated room with a good supply of fresh air. Keep spraying equipment clean when not in use. Keep flames away from the spray room and do not eat, drink or smoke while spraying. Adjust the spray fan to suit the size of the object to be sprayed. Mix paint regularly to ensure colour uniformity and to prevent paint from skinning.
- b) Always use a mask while spraying.
- c) Warrior QD Primer is flammable and therefore should not be stored near ignition sources.
- d) Always ensure that the container in which this product is stored is properly sealed to minimise evaporation.
- e) Store in a cool dry place with good ventilation and away from open flames and sparks.
- f) It is important that this product be thoroughly mixed with a flat paddle before use.
- g) As per standard painting practices, no painting should take place if surface or ambient temperatures are below 10°C or above 30°C. Painting should cease at 3pm or when rain is imminent.

#### **DISCLAIMER**

The recommendations contained herein are given in good faith and are meant as a guide for specifiers and users. They are based on laboratory tests and practical historical experience. No guarantee or warranty is implied by the recommendations contained in the Technical Data Sheet as conditions of use, application method, cleanliness and soundness of the substrate are beyond our control.

N.B. Technology may change with time necessitating changes to the Technical Data Sheet (TDS). It is the specifiers and users responsibility to ascertain that the latest TDS is being used.

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