



PID 60

UNIVERSAL ANTI-CORROSIVE PRIMER

PRODUCT DESCRIPTION

PID 60 is a universal anti-rust primer made from alkyd resins and anti-corrosive pigments for the priming and protection of ferrous and non-ferrous metals, gelcoat, galvanised metal and old painted surfaces etc.

BASIC USES

- Horizontal and Vertical surfaces.
- Ferrous and non-ferrous metals, Plastic, Gelcoat, Galvanised surfaces....
- Cement, Concrete, Fibre-cement....
- Previously painted surfaces.
- Metal structures – Girders, RSJ's, Pipes, Machinery, Tanks...

PROPERTIES

- A single pack anti-rust primer and bonding coat.
- Keeps surfaces rust free before handling and/or shipping.
- Easy to apply. Good opacity.
- Excellent adhesion.
- Good filling properties.
- Overcoat with all types of rust protecting finishes – 1 or 2 pack.

FINISH

Matt

SIZES

0.75L - 2.5L - 20L

USAGE

Exterior / Interior



Grey RAL 7015

TECHNICAL DATA

Vehicle Type	Alkyd Resins
Solvent Type	White Spirit
Specific Gravity	At 20°C (68°F): 1.35g/cm ³ ±0.03
Viscosity	At 20°C (68°F): 15 poises ±3
Solid Content	70 ±3%
Gloss Level @ 60°	<5% GU
Flash Point	>60°C (140°F) – ≤93°C (199°F)
Wet Film Thickness (WFT)	100 to 140µm
Dry Film Thickness (DFT)	100 to 140µm
Shelf Life	2 years minimum in original unopened packaging.
VOC	EU limit value for this product (cat. A): 500g/l (2010). This product contains max. 440g/l.
Application Tools	Brush, Roller, Airless Spray, Electrostatic Process (contact us). Note: For application by spray a MAXIMUM dilution up to 3% may be necessary.
Dilution	Use as is. Do not dilute except where stated.
Coverage	Theoretical: 12m ² (129ft ²) per litre per coat. Actual coverage will vary depending on application method, type, texture, age and porosity of the surface.
Drying Times	At 20°C (68°F) and 50% RH Touch Dry: 20 minutes. Drying Time: 1 hour. Recoating times: PID 60 – 60 minutes. Single pack finishes – 3 to 6 hours (Alkyd, Urethane-Alkyd...). Acrylic and Two-pack finishes (Epoxy, Polyurethane...) – 6 hours minimum . Ideally 24 hours. In all cases ensure PID 60 is 100% cured before over coating.
Clean-up	Clean all tools and equipment with white spirits while still wet. Note: Any rags, steel wool etc soaked in PID 60 may spontaneously catch fire if improperly discarded. Rags, steel wool etc must be saturated with water after use or placed in a sealed, water filled metal container, before disposing with household waste.
Storage	Store in original container and close lid tightly after use. Keep from freezing and high temperatures.

GOOD APPLICATION PRACTICE

Cover everything you do not wish to paint, especially when applying by roller or spray.

Apply between 5°C (41°F) and 35°C (95°F).

Substrate temperature should be between 5°C (41°F) and 35°C (95°F).

Ensure substrate is at least 3°C above dew point.

Do not apply in direct sunlight or to hot surfaces (35°C+ (95°F+)).

Drying time is affected by 3 factors:

Temperature, ideally understood to be between 5°C (41°F) and 35°C (95°F).

Relative humidity, ideally between 50% and 60%.

Good ventilation in the working area.

If one of the above conditions is not met the drying time of PID 60 should be extended to avoid risk of a reaction with the finish coat.

Use appropriate protective clothing especially when spraying e.g. Gloves, Goggles, Mask.

SURFACE PREPARATION

GENERAL DIRECTIONS:

Surfaces must be clean, dry, and free of oil, grease, rust, mill scale and other surface contamination including any sanding, blasting or other preparation residue before applying PID 60.

METAL SURFACES EXC. GALVANISED, ZINC AND ALUMINIUM:

Option 1:

Clean surface with PURA-TROL™ or a suitable solvent e.g. Acetone. Allow to dry.

Pickle the surface with OWAPHOS™.

Option 2:

Prior to blasting or manually preparing the surface all contamination should be removed using fresh water and the surface dried. All oils, grease etc. must be thoroughly removed using a suitable cleaning solvent e.g. Acetone. Deposits firmly adhered to the surface should first be removed by scraping and then cleaned using the solvent.

Remove all traces of mill scale, rust, rust scale and other foreign matter by blast cleaning to SIS-Sa2½ or at the least manually to SIS-SL3 by grinding (P24-P36) or sanding (40-120 grit).

Remove all blast and manual preparation residue by vacuum cleaner, air blower or a stiff clean brush.

For difficult areas the removal of rust by chemical means may be possible with OWAPHOS™.

ALUMINIUM:

Clean surface with PURA-TROL™, SOAPCLEAN* or a suitable solvent e.g. Acetone. Allow to dry.

Option 1:

Pickle the surface with OWAPHOS™.

Option 2:

Blast surface using a suitable medium or sand with 24-120 grit abrasive compatible with Aluminium.

Remove all blast and manual preparation residue by vacuum cleaner, air blower or a stiff clean brush.

For difficult areas pickle the surface using OWAPHOS*.

SURFACE PREPARATION (CONT.)

GALVANISED/ZINC:

Clean surface with PURA-TROL™ or a suitable solvent e.g. Acetone. Allow to dry.

Pickle the surface with OWAPHOS™.

GELCOAT/PLASTIC:

Clean surface with PURA-TROL™, NET-TROL™ or hot soapy water, rinse thoroughly and allow to dry.

Abrade with 180-220 grit sanding discs. Remove all sanding residue by vacuum cleaner, stiff clean brush, tack cloth or a cloth soaked in a fast-flashing solvent e.g., Methylated Spirits (Not White Spirits).

PREVIOUSLY PAINTED SURFACES:

Checking existing finish for adhesion by using the Cross Hatch test method.

If existing finish is weakly adhered, it must be completely and thoroughly removed by blast cleaning to SIS-Sa2½ or at the least manually to SIS-SL3.

If coating is well adhered proceed as follows:

Thoroughly clean and sand or blast surface to form a good key, feather in any sharp edges. Any bare areas of metal to be manually prepared to at least SIS-SL3.

Note: It is imperative that prepared bare metal surfaces are coated with PID 60 within 8 hours.

APPLICATION

Stir well before and during use.

Apply an even, single coat at the recommended wet film thickness.

Allow to dry.

If required a second coat may be applied.

If a perfectly smooth surface is required PID 60 may be sand when 100% cured before applying the finish.

If the over coating time of PID 60 exceeds 5 days, clean surface with a suitable solvent e.g. Acetone. Sand with 220-230 grit abrasive and dust off. Wipe surface with a cloth soaked in Methylated Spirits or a tack cloth to remove any remaining sanding residue.

Note: 3 coats of PID 60 may be applied to give a silky matt anti-corrosive finish.

SAFETY

Refer to the safety data sheet (SDS) available at www.owatrol.com and the text on the label. Keep out of the reach of children.

*Sarre Manufacturer. *Refer to the TDS.

This Technical Data sheet cancels and replaces any previous Technical Data sheet for the same product. Its purpose is to inform the user about the product. The information contained within this Technical Data sheet is based on our current knowledge. However, the information contained within this document cannot replace a specification appropriate to the nature and conditions of the substrate to be coated. Due to ongoing technical advances, it is the responsibility of the user to establish that this document has not been superseded by a more recent edition. The information contained within this document is for guidance only and the manufacturer is unable to guarantee or accept responsibility for the results as it has no control over the conditions under which its products are applied.

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