



PRIMER AP.60

ANTI-CORROSIVE PRIMER



PRODUCT DESCRIPTION

PRIMER AP.60 is an anti-corrosive primer that combines the penetrating properties of OWATROL® OIL* with specially selected pigments to give exceptional anti-corrosion protection and weather resistance. PRIMER AP.60 stabilises the surface, penetrating deep into the substrate, driving out excess moisture and air to form a solid stable layer. A primer for all types of surfaces, PRIMER AP.60 may be overcoated with any single pack paint finish.

BASIC USES

- Ferrous and Non-Ferrous metals – Galvanised, Aluminium, Zinc....
- Fencing, Railings, Garden Furniture, Porches, Various metal structures....
- Doors, Frames, Radiators, Pipes, Machinery, Tiles....
- Plastic**, uPVC and Wooden surfaces.
- Horizontal and Vertical surfaces.

** See Restrictions

PROPERTIES

- Penetrates deep in to rusted surfaces to drive out moisture and air.
- Forms a solid stable layer that other paints can firmly adhere to.
- Adheres exceptionally well to clean bright steel.
- Completely seals sound underlying metal against corrosion.
- Compatible with all oil and alkyd-based paints.
- Use on non-ferrous metals - Zinc, Copper, Aluminium...
- Available in 4 colours.
- Forms a sound surface on plastic and wood for other finishes to adhere to.
- Heat resistant up to 175°C (347°F).

FINISH	SIZES	USAGE
Matt	0.75L, 2.5L, 20L	Exterior / Interior



Brick Red



Black



White



Grey

TECHNICAL DATA

Vehicle Type	Alkyd Resins
Solvent Type	White Spirit
Specific Gravity	At 20°C (68°F): 1.2 ±0.05.
Viscosity	At 20°C (68°F): 200 – 250 cP depending on colour.
Solid Content	66% ±5%
Gloss Level @ 60°	25% ±5% GU
Flash Point	>60°C (140°F).
Temperature Resistance (fully cured dry film)	Up to 175°C (347°F).
Shelf Life	2 years minimum in original unopened packaging.
VOC	EU limit value for this product (cat A/i) : 500g/L (2010). This product contains max. 430g/L.
Application Tools	Brush, Roller, Airless Spray (0.4mm x 80 @ 1860 – 2000psi (128 – 138 bars)) If applying PRIMER AP.60 by spray, adjust the product by adding 5% to 20% OWATROL® OIL* depending on nozzle size and type to bring it to the desired viscosity.
Dilution	Use as is. Do not dilute, except where stated.
Coverage	16m ² (172ft ²) per litre. Actual coverage will vary depending on type, texture and porosity of the surface as well as application method.
Drying Times	At 20°C (68°F) and 50% RH Touch Dry: 6-8 hours Recoat: 24-48 hours Dry: 24 hours Hard Dry (Fully Cured): 10 days
Clean-up	White Spirit. Note: Any rags, steel wool etc soaked in PRIMER AP.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	Close lid tightly after use and store in original container. Keep from freezing and high temperatures.

GOOD APPLICATION PRACTICE

Cover everything you do not wish to coat.
Apply between 5°C (41°F) and 35°C (95°F).
Do not apply in direct sunlight or to hot surfaces.
Do not apply if cold and /or wet weather is expected within 24 hours.

SURFACE PREPARATION

GENERAL DIRECTIONS:

Surfaces must be clean, dry, and free from oil, grease and other surface contaminants.
Surfaces exposed to chemicals (acids, alkalis, or salt deposits) should be washed using copious amounts of water or steam cleaned.

All surfaces cleaned with water or steam cleaned should be allowed to dry a minimum of 24 hours before applying PRIMER AP.60, except for galvanised surfaces treated with OWAPHOS*. Galvanised surfaces treated with OWAPHOS* should be coated within 8 hours.
Severely contaminated surfaces should be cleaned using an appropriate solvent.

Remove all mill glaze from new metal.

Feather in any sharp edges.

Round off any sharp edges to a 2mm radius.

Wood must have a moisture content of 18% or less.

NEW OR BRIGHT, CLEAN METAL:

Sand surface with 80 grit abrasive (nothing finer) to form a key.

Thoroughly dust off.

Note: New metal is classed as pickled stock or metal that has been sandblasted to remove any mill glaze and is not rusty.

RUSTED/OXIDISED SURFACES:

Remove all loose and flaking rust.

Thoroughly dust off.

Note: For excessively and deeply rusted surfaces apply a coat of OWATROL® OIL*.

PREVIOUSLY COATED SURFACES:

Remove all loose, flaking, rust and paint.

Sand surface and feather in any sharp edges.

Thoroughly dust off.

Apply a coat of OWATROL® OIL* to the entire surface.

NON-FERROUS METAL (ALUMINIUM, COPPER ETC.)

New

Thoroughly clean and degrease with Acetone.

Sand with fine grade abrasive to form a key.

Dust off.

Dulled and/or Weathered

Remove any loose and flaking paint back to a sound surface and edge.

Dust off.

SURFACE PREPARATION (CONT.)

GALVANISED (ZINC) SURFACES:

New

Treat with OWAPHOS* to passivate the surface.

Allow to fully dry or dry with a cloth (dabbing action only), forced air etc. DO NOT wipe dry.

Note: It is imperative that the prepared surface is coated within 8 hours.

Weathered

Clean thoroughly with hot soapy water, PURA-TROL*, steam clean or use a non-oxidising agent e.g. Acetone.

Allow to dry a full 24 hours.

Note: Weathered surfaces are those deemed to have been exposed to the elements for longer than 12 months. Any galvanised surface 12 months or under should be treated as new.

WOODEN SURFACES

New

Abrade with 120 grit paper to open the pores of the wood. Dust off. Wipe with a cloth soaked in Methylated Spirits (Denatured Alcohol) or a Tack Cloth to remove any remaining sanding residue.

Oily, resinous and greasy woods should be thoroughly degreased with Methylated Spirits (Denatured Alcohol), Acetone or a similar solvent-based product – NOT White Spirits.

Damaged, Porous and Previously Coated

Thoroughly sand to remove all loose and flaking material, any denatured wood fibres and to dull the surface.

Spot prime all bare exposed wood with PRIMER AP.60.

Allow to dry.

If required continue spot priming with PRIMER AP.60 to bring level with the existing finish.

PVC AND PLASTIC**

New

Abrade surface with 120 grit abrasive or finer to dull and key the surface.

Thoroughly dust off.

Dulled and/or Weathered

Plastic that has dulled and taken on a matt appearance need only be cleaned prior to applying PRIMER AP.60.

Note: Carry out a preliminary test when applying to an unknown plastic.

**See Restrictions

APPLICATION

Stir product thoroughly before and during application.

Apply 1 coat of PRIMER AP.60.

For wooden surfaces always work in the direction of the grain.

Note: See "Application Tools" when applying by spray.

RESTRICTIONS

Do not apply to Polypropylene (PP) or Polyethylene (PE) plastics.

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.

*Same 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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