



RUSTOL-DECO

DECORATIVE PAINT FOR ALL SURFACES



PRODUCT DESCRIPTION

RUSTOL-DECO is a rust inhibiting primer and finish in one that combines the penetrating and adhesion qualities of OWATROL® OIL with specially selected pigments to provide a high-quality decorative finish, enhanced anti-corrosion protection and exceptional resistance to weathering and pollution. Penetrating the surface imperfections, so bonding tightly to it, RUSTOL-DECO may be applied direct to any surface including rusted surfaces, to provide lasting protection and greatly prolong the life of the treated surface. Highly elastic, RUSTOL-DECO is ideal for surfaces subject to high movement and flexing such as plastic and uPVC. RUSTOL-DECO adheres exceptionally well to clean, bright metal; while sand or shot blasted surfaces do not require an immediate application, since a light rust coating will not affect its performance or the final result.

PROPERTIES

- Apply direct to rusted surfaces.
- Easy to use.
- Highly flexible finish – Will not peel or flake.
- Adheres to all surfaces.
- Excellent weather resistance.
- Heat Resistant up to 175°C (347°F).
- Avoids the need for sand or shot-blasting – Minimal preparation required.
- Does not emit any dangerous fumes – Safe to use in confined areas.

BASIC USES

- Ferrous and non-ferrous metals – galvanised, aluminium, zinc....
- Fencing, railings, garden furniture, porches, various metal structures....
- Doors, frames, radiators, pipes, machinery, tiles, expanded polystyrene....
- Plastic**, uPVC and wood surfaces.
- Horizontal and vertical surfaces.

** See Restrictions

FINISH	SIZES	USAGE
See options below	0.75L, 2.5L, 20L	Interior Exterior

10 RAL Colours (Gloss)



RAL 9010
Pure White



RAL 7037
Dark Grey



RAL 7040
Grey



RAL 9005
Black



RAL 5002
Blue



RAL 6009
Dark Green



RAL 6005
Green



RAL 3001
Deep Red



RAL 8028
Brown



RAL 1007
Yellow

3 Micaceous Colours



DB 701
Light Grey



DB 702
Grey



DB 703
Dark Grey

3 Bases (Gloss, Satin, Matt)



Pastel



Mid Tone



Deep Tone

TECHNICAL DATA

Vehicle Type	Alkyd Resins.
Solvent Type	White Spirit
Specific Gravity	At 25°C (77°F): Gloss 1.20 ±0.05 Satin 1.20 ±0.05 Matt 1.21 ±0.05
Viscosity at 20°C (68°F)	8 – 20 depending on colour and gloss level.
Solid Content	73% ±5% depending on colour and gloss level.
Gloss Level @ 60°	Gloss: >70 Satin: 50 ±5 Matt: <15
Flash Point	>60°C (140°F).
Temperature Resistance (Fully Cured Dry Film)	Up to 175°C (347°F).
Wet & Dry Film Thickness	WFT: 140-160µm per coat. DFT: 40-50µm per coat. Film thickness will be dependent on the coverage achieved and the surface profile.
Shelf Life	2 years minimum in original unopened packaging.
VOC	EU limit value for this product (cat i): 500g/L (2010). This product contains max. 400 g/L.
Application Tools	Brush, Roller, Airless Spray (0.4mm x 80° @ 1860 – 2000psi (128 – 138 bars)) If applying RUSTOL-DECO by spray and if required, adjust the product by adding 5% to 10% 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	15m ² (161ft 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 hours Recoat: 24 hours Dry: 24 hours Hard Dry (Fully Cured): 10 days.
Clean-up	White Spirit. Note: Any rags, steel wool etc soaked in RUSTOL-DECO 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 RUSTOL-DECO, 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.

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* or OWATROL® C.I.P*.

Previously Coated Surfaces

Remove all loose, flaking, rust and paint.

Sand surface to form a key.

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.

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.

Prime with a thin application of OWATROL® OIL*.

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

WEATHERED

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

Allow to dry a full 24 hours.

Prime with a thin application of OWATROL® OIL*.

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 OWATROL® OIL* or RUSTOL-DECO depending on the condition and porosity of the wood. Allow to dry.

If required continue spot priming with RUSTOL-DECO 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 RUSTOL-DECO.

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

**See Restrictions

APPLICATION

Apply 2 coats of RUSTOL-DECO allowing drying between coats.
For wooden surfaces always work in the direction of the grain.
For the optimal finish, sanding with 320 grit or finer between coats may be done.
See "Application Tools" when applying by spray.

RESTRICTIONS

Do not use on Polypropylene (PP) or Polyethylene 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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