

DURAGAL

Bright Silver Protective Coating

DESCRIPTION

Galmet DuraGal is a fast drying corrosion resistant coating for use on Duragal and other iron and steel products.

Duragal has a bright silver finish similar to hot dipped galvanised steel.

Formulated to be an additional layer or protection for Galmet ColdGal.

INTENDED USE

- Touch up damaged DuraGal tube, sheet and section.
- Topcoat for Galmet ColdGal to give the appearance of hot dipped galvanised steel



PRODUCT FEATURES

- Fast recoat time
- Ready to use – no thinning required
- Bright silver finish
- Excellent water resistance
- Self priming

TYPICAL PHYSICAL PROPERTIES

Classification	Aluminium rich topcoat
Colour	Gloss Aluminium
Pigment	Polished aluminium platelet
Hard Dry Time	24 hours
Flash Point	24°C
Temperature Range	20°C up to 150°C
Water Resistance	Excellent splash resistance. Not recommended for permanent immersion.
Touch Dry	15-20 minutes (Aerosol); 30 minutes* (Paint tins)
Recoat after	2 hours (Aerosol); 4 hours (Paint tins)
Temperature Range	Up to 150°C
Recommended dry film thickness	50-75 µm
Coverage	Aerosol: up to 2 m ² per 350g can Paint Tins: 6.5 m per litres at DFT 50 µm
Adhesion (crosscut - ASTM 1580.408.4):	0 (100% adhesion)

*Depending on application

Values quoted above are typical and do not constitute a specification.

SURFACE PREPARATION & PROTECTION

Make sure to only use Galmet products in a well ventilated area.

BARE STEEL:

- Proper surface preparation is essential for obtaining maximum performance from this product.
- Rust and mill scale should be removed by scraping, sanding or wire brush.
- Remove dust, oil and grease by wiping with a clean cloth and a suitable non residue solvent
- For best results prime surface with Galmet ColdGal

PREVIOUSLY PAINTED SURFACES:

- Remove loose and flaking paint by scraping, sanding or wire brush.
- Sand surface to a smooth finish.

RUSTY SURFACES:

- Remove all traces of rust, by scraping, sanding or wire brush.
- If rust cannot be removed, remove loose and flaking rust, rinse with water and treat rusty areas with Galmet Ironize in accordance with directions on the bottle

PRIMING

BARE STEEL:

- No primer required.

RUSTY SURFACES:

- DuraGal should not be painted directly over rusty steel.
- DuraGal is a self priming product. No further primer is required.

MIXING INSTRUCTIONS

AEROSOL:

- Before use, shake can for at least 1 minute after the mixing ball moves and frequently during use.

PAINT TINS:

- Stir thoroughly with a flat stirrer before use and frequently during use.

TOP COATING

- Duragal is designed for use as a topcoat or can be directly applied to ferrous and zinc coated surfaces.

APPLICATION INSTRUCTIONS

AEROSOL:

- Apply with smooth even strokes, holding the can approximately 25cm from the prepared surface.
- Avoid excess film build in a single coat. We recommend multiple applications of a thinner coat than 1 thick one.
- Touch dry in 15-20 minutes. Recoat in 2 hours.

THINNING

- Not required in most cases

STORAGE

AEROSOL

- Store at room temperature. Pressurised dispenser. Store in a cool place out of the sun. Do not store above 50°C.
- Shelf life: 2 years (aerosol) 4 years (bulk pack).
- For maximum product life after spraying, invert can, and spray for 2 seconds to clear the spray nozzle.

SPECIFY

Galmet Duragal Silver 300G

Chemical Resistance

- Resistant to spills and splashes of aliphatic solvents
- Not recommended for acidic or highly alkaline conditions

Limitations

- Not recommended for permanent immersion in water

RESISTANCE GUIDE

Weatherability	Good resistance to different weather conditions
Heat Resistance	Can be used up to 60 °C dry heat
Salts	Exhibit good resistance to neutral salt
Acids	Not recommended for acidic conditions
Solvents	Good resistance to splashes and spillage of aliphatic hydrocarbons solvents
Water	Resistance to water penetration and rain. Not recommended for immersed exposure to water
Alkalis	Not recommended for alkaline conditions
Abrasion	Offer limited resistance when fully cured

GENERAL PROPERTIES AND APPLICATION DATA

Classification:	Aluminium rich topcoat
Resin type:	Acrylate System
Propellant	DME
Finish	Satin
Colour	Gloss Aluminum
VOC level	<540 g/L
Flash point	24 °C

APPLICATION CONDITIONS

	Min	Max
Air temperature	10°C	40°C
Substrate temperature	10°C	40°C
Relative Humidity	80%	

WARRANTY

Galmet will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

DISCLAIMER

All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Polymers & Fluids and Galmet makes no representations or warranties of any kind concerning this data.

HEALTH & SAFETY

For Health & Safety information, refer to Safety Data Sheet available available on our website itwpf.com.au or itwpf.co.nz