TECHNICAL DATASHEET

# GP ALUMINIUM

**Polycolor GP Aluminium Paint** is a versatile, solvent-based coating designed for both decorative and protective applications on various surfaces, including metal and wood. Specifically formulated for both interior and exterior applications. The dry film of GP ALUMINIUM gives a tough, washable and lightfast finish which is impermeable to liquids and light. Any wooden or metallic surface coated with GP Aluminium is therefore, guaranteed to be anti-corrosive and a good sealer.

## PRODUCT BENEFITS

- **Durability**: Provides a tough, washable finish that resists corrosion and environmental wear.
- **Heat Reflectivity**: The metallic finish reflects solar heat, making it ideal for surfaces exposed to sunlight, such as roofs and storage tanks.
- **Versatility**: Suitable for both interior and exterior applications on metal and wood surfaces.
- **Ease of Application**: Can be applied using a brush, roller, or spray gun, with varying dilution ratios depending on the method.
- **Low VOC Emissions**: Formulated with low volatile organic compounds, making it an environmentally friendly choice.

## AREAS OF APPLICATION

- **Metal Roofs and Gutters**: Provides a heat-reflective, corrosion-resistant finish, ideal for structures exposed to intense sunlight and moisture.
- **Gates, Fences, and Railings**: Offers a durable, glossy finish that enhances aesthetic appeal while protecting against rust.
- **Wooden Surfaces**: Acts as a sealer for wood, offering protection against moisture and enhancing longevity.
- **Storage Tanks and Ducting**: The reflective properties reduce heat absorption, making it suitable for thermal insulation on tanks and ducts.
- **Pipelines and Structural Steel**: Provides a protective barrier against corrosion, extending the lifespan of metal infrastructures.
- **Machinery and Equipment**: Enhances appearance and offers a layer of protection against environmental wear.
- **Vehicle Chassis and Undercarriages**: Offers protection against road salts and moisture, reducing corrosion risks.
- **Trailers and Containers**: Provides a durable finish that withstands harsh weather conditions during transit
- **Bridges and Overpasses**: The paint's durability and reflective properties make it suitable for large-scale metal structures exposed to the elements.
- **Street Furniture**: Enhances the longevity and appearance of public amenities like benches and lamp posts.

## PRODUCT FEATURES

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| Surface | Exterior and Interior |
| Available Pack | 250 mL, 500 mL, 1L and 5L |
| Shelf life | 1 years from date of manufacture in original tightly closed containers. |
| Coverage | 15 $m^2$/L |
| Finish | Metallic gloss |
| Drying time to touch | 4 hours @ 25 – 35 °C |
| Drying time to over-coat | 16 hours @ 25 – 35 °C |

## SURFACE PREPARATION

- **Metal Surfaces**: Ensure the surface is clean, dry, and free from rust. Apply a suitable primer if necessary.
- **Wood Surfaces**: For new wood, apply a sealer followed by an undercoat before the aluminium paint. For previously painted wood, remove old coatings and sand the surface smooth.
- **Contaminated Surfaces**: Treat areas affected by fungi or algae with a fungicidal wash, allow it to react for the recommended time, then rinse thoroughly.

## APPLICATION PROCESS

| | | |
|---|---|---|
| Method | : | Brush, Roller, and Spray |
| Thinning | : | White spirit |
| Dilution | : | (4:1) = Brush and roller<br>(3:1) = Spray<br>(GP Aluminium : White spirit) |

## POST PAINTING CARE

- **Periodic Checks**: Inspect the painted surface periodically for signs of wear or damage.
- **Touch-Ups**: Address any chips or scratches promptly using the same GP Aluminium Paint to prevent further deterioration.

## PRECAUTIONS

- Do not apply when ambient temperature is less than 5°C or if the temperature might drop to this level within 4 hrs. of application.
- Do not apply it during rain or when rain is expected.
- Stir well before use.
- **Initial Cleaning**: Refrain from cleaning the painted surface until it has fully cured.
- **Routine Maintenance**: Use a soft cloth or sponge with mild soap and water to clean the surface. Avoid abrasive cleaners or tools that could damage the finish.

## SAFETY AND ENVIRONMENT FEATURES

- Store the container with the tightly closed lid in an upright position, in a cool dry place.
- Keep out of reach of children and away from eating tables.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact, immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.
- Do not breathe vapor or spray. It is recommended to wear suitable nose pad during sanding and surface preparation to avoid dust inhalation.
- Do not pour leftover paint down the drain or in water courses.
- In an event of spill, contain spillage using sand or earth.
- No added Lead, Mercury or Chromium compounds.

**Left-Over paint disposal:**

- Left-over paint/drums should not be disposed in soil/drains. Consumers should consult a local recycling agency for disposal of paint/drums.
- The pails/drums should not be used for storing food items.

*DISCLAIMER*
*These recommendations are meant as a guide, no guarantee is implied since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.*

Polytol Paints

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