

DULUX METALCLAD ANTI-RUST PAINT 218400 SERIES

Solvent-based product, gloss finish

Technical Data Sheet



Technical Specifications (21°C (70°F))

Solids by Volume – 49% (+/- 1%)

Solids by Weight – 65% (+/- 1%)

Volatile Organic Compounds (VOCs)*

According to ASTM D3960-05: < 400 g/L

Canadian regulation: < 400 g/L

Colour

White, medium and ultra deep bases

Pre-mixed colours: Oxford Brown 218404, Marine Blue 218412, Safety Yellow 218413, Forest Green 218414, Safety Red 218419, Safety Orange 218427, Black 218420, Flat Black 218421

Gloss Level

Gloss Finish

- Gloss @ 60° - 85 - 100%

Practical Coverage

430 - 520 sq. ft. per 3.78 litres

11 - 13 sq. metres per litre

(Actual coverage will vary depending on substrate and application method.)

Resin Type

- Alkyd

Viscosity* Ready to use (78 - 88 Krebs Units)

Flammability Combustible Liquid

Flash Point* 42°C (108°F)

Recommended Film Thickness*

- Wet: 3.2 mils
- Dry: 1.6 mils

Drying Time* @ 77°F/25°C - 50% Relative Humidity

**Drying & recoat times are dependent on temperature, humidity, ventilation and film thickness*

Touch dry: 6 hours

To recoat: 16 hours

Before cleaning: 30 days

*Technical Data Source: 218400

Product Description

Dulux Metalclad 218400 is a premium quality, interior/exterior, urethane fortified paint formulated to form a protective coating on metal that will retard and resist rust.

Dulux Metalclad 218400:

- Excellent durability
- Superior leveling properties
- Self priming on ferrous metal
- Dries quickly to a uniform gloss finish
- Lead and mercury free
- Excellent protection against corrosion
- Excellent moisture resistance

Intended Uses

- Interior/exterior new and maintenance work
- Residential and Commercial sites
- Metal surfaces only
- New or rusted ferrous metal: furniture, doors, windows, fences, roofs, stairs, machinery, ornamental iron, pipes fire-hydrants etc.
- Pre-mixed colours can be used on marine equipment (above the waterline)

GUARANTEE: Akzo Nobel Canada Inc. guarantees performance of its products to its intended use if properly applied in accordance with the label directions and the specifications of the technical data sheet. Having no control over the application methods and conditions or the circumstances related to its use, no other guarantee, expressed or implied, statutory or otherwise is given. We shall not be responsible for any indirect, consequential or other damages.

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Available at Dulux Paints Stores across Canada and Betonel-Dulux Stores in Québec

SURFACE PREPARATION

All surfaces must be clean, dry and free of dirt, chalk, grease, wax, rust and loose or peeling paint before painting.

- Mildew must be removed by washing affected area with a solution of 30% household bleach and 70% water. Rinse well.
- Remove all loose and peeling paint and sand to smooth edges.
- Remove all rust, oil and grease. Wash well with mineral spirits and dry with clean rags
- Sand all surfaces smooth and lightly sand glossy areas. Vacuum sanding residue.
Precaution: Dry sanding, flame cutting and/or welding of dry paint film will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

Application

Ready-to-use product, do not thin.

Mix thoroughly before use.

Keep containers closed when not in use.

Apply using brushes, rollers or spray equipment.

Application Conditions

Apply with good ventilation. Ensure air, material and surface temperatures are above 50°F (10°C) within 3 to 6 hours of painting. Ideal relative humidity 15 – 50%, maximum 85%

Do not apply if rain, snow or heavy dew is expected within 16 hours. Avoid painting in direct sunlight.

Tools

- Brush – natural bristle
- Roller – 10–15 mil
- Spray (Airless equipment) – tip size:0.013 to 0.019 in - Pressure: 2300 – 2700 psi

**Spray recommendations may vary from figures listed depending on equipment manufacturer*

SYSTEM RECOMMENDATIONS

Two topcoats are recommended on all surfaces for better durability and appearance.

Ferrous Metal:

- Dulux Metalclad 218400 series or one coat of Dulux Metalclad Red Oxide Rust Preventative Coating
- Dulux Metalclad 218400 series

Non Ferrous Metal:

Interior (dry environments)

- Dulux Metalclad 218400 series or one coat of Dulux Metalclad Red Oxide Rust Preventative Coating
- Dulux Metalclad 218400 series

Exterior

- 1st coat Devguard 4360 – one coat
- Dulux Metalclad 218400 series

Devguard 4360 is intended for use only by professional applicators in accordance with the advice given on this sheet, the MSDS and the container(s), and should not be used without reference to the MSDS.

Clean-up

Clean hands and tools immediately with mineral spirits.

Storage and Transportation

Keep product in a dry and ventilated area, between 10 - 30°C (50 – 86°F).

DO NOT FREEZE

Disposal

Consult your municipality about proper disposal procedures in accordance with the laws and respect the environment or give leftover paint to someone who could use it: a neighbor or friend, a recreational service or a non-profit organization. Do not pour leftover product down the drain.

Safety Measures

Read the Material Safety Data Sheet. Avoid contact with eyes. Keep out of reach of children. Use only in well ventilated areas. Do not intentionally breathe vapour. Keep away from flames or sparks.

FIRST AID TREATMENT: If in contact with eyes, rinse thoroughly with clear water. If swallowed, do not induce vomiting. Call poison centre or physician immediately.

For product information call: 1-(800)-387-3663
www.dulux.ca