

DULUX WATER-BASED POLYURETHANE FLOOR ENAMEL 247010

Water-based product, satin finish

Technical Data Sheet



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

Solids by Volume – 38% (+/- 1%)
Solids by Weight – N/A

Volatile Organic Compounds (VOCs)*

According to ASTM D3960-05: < 150 g/L
Canadian regulation: < 150 g/L

Colour

White, medium and neutral bases
Pre-mixed colour: Grey

Gloss Level

Satin Finish

• Gloss @ 60°: 25 - 35%

Practical Coverage

480 - 560 sq. ft. per 3.78 litres
12 - 14 sq. metres per litre
(Actual coverage will vary depending on substrate
and application method.)

Resin Type

• 100% Acrylic and Polyurethane Emulsion

Viscosity* Ready to use (83 - 93 Krebs Units)

Flammability

Non Flammable

Flash Point*

N/A

Recommended Film Thickness*

• Wet: 3 mils
• Dry: 1.2 mils

Drying Time* @ 70°F/21°C - 50% Relative Humidity

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

Touch dry:	20 – 30 minutes
To recoat:	4 - 6 hours
Before cleaning:	14 days

*Technical Data Source: 247010

Product Description

Dulux Water-based Polyurethane Floor Enamel is a 100% acrylic water-based polyurethane paint specially formulated for concrete and wood floors.

Dulux Water-based Polyurethane Floor Enamel features:

- Interior/exterior
- Outstanding adhesion
- Excellent weather resistance
- Resists flaking, chalking, fading and yellowing
- Water-based microporous product - waterproof, but allows material to breathe
- Excellent abrasion and impact resistance
- Alkali resistant
- Easy to clean
- Easy to apply
- Low odour

Intended Uses

- Interior/exterior new and maintenance work
- Residential and Commercial sites
- Concrete, masonry and wood
- High traffic areas such as basement floors, patios, steps, porches, and laundry rooms.

Certifications - As of April 2014

Approved to:

- MPI – Category #60, Floor paint, Latex, Low Gloss

Complies with:

LEED® Canada - CI (2006) and NC & CS (2009)

GUARANTEE: PPG Architectural Coatings 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.

Edition of April 2014



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. Remove all surface contaminants by washing with an appropriate cleaner. Rinse thoroughly with water and allow dry time.

- 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.
- Repair holes and cracks with filler suitable for the surface to be repaired.
- Sand all surfaces smooth, lightly sand glossy areas and sand weathered wood to a new wood appearance. 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.

New Concrete: New concrete floors must age at least 28 days and be thoroughly dry before painting. Treat with muriatic acid solution. Rinse thoroughly with clear water and let dry completely.

Concrete and Masonry: Remove surface dust (if oil or grease has penetrated concrete, the floor may not be paintable).

New and Bare Wood: sand smooth. If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner.

Application

Ready-to-use product, do not thin.

Stir 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 between 50 - 86°F (10 - 30°C). Ideal relative humidity 15 – 50%, maximum 85%.

Do not apply if rain, snow or heavy dew is expected within 24 hours. Avoid painting in direct sunlight.

SYSTEM RECOMMENDATIONS

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

Concrete and Masonry:

- No primer is required
- Dulux Water-based Poly Floor Enamel

Wood:

- Dulux Gripper or Dulux X-pert Waterborne Primer
- Dulux Water-based Poly Floor Enamel

Tools

- Brush – natural bristle or synthetic bristles (nylon, polyester)
- Roller – 10 - 15 mil
- Spray (Airless equipment) – tip size:0.017 to 0.019 in - Pressure: 2300 – 2700 psi

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

Clean-up

Clean hands and tools immediately with lukewarm water and soap.

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.

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