

# DULUX® DIAMOND™ INTERIOR ACRYLIC LATEX PAINT 14220

Water based product, Pearl Finish

## Technical Data Sheet



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

Solids by Volume:	30% ( $\pm 1\%$ )
Solids by Weight:	47% ( $\pm 1\%$ )

#### Volatile Organic Compounds (VOCs)\*

According to ASTM D3960-05:  $< 125 \text{ g/L}$

\*When tinted with PPG Formula Pro, even at maximum tint load in any colour, the colourant contributes less than 8 g/L of VOC to the final tinted product.

Canadian regulation:  $< 150 \text{ g/L}$

#### Available Colours

14220	White	<i>tintable.</i>
14228	Medium Base*	
14226A	Ultra Deep Base*	

*\*Must be tinted before use.*

Gloss Level	Pearl finish
	MPI Gloss Level 3 traditional 'eggshell-like' finish

• Gloss @ 60°:	10 – 20%
• Sheen @ 85°:	15 – 35%

#### Practical Coverage

35 - 39 sq. metres (375 - 420 sq. ft.) per 3.78 litres  
9 - 10 sq. metres per litre

*Coverage figures do not include loss due to surface irregularities and porosity or material losses due to application method or mixing.*

#### Resin Type

- 100% Acrylic

#### Viscosity\* Ready to use (96 $\pm 5$ Krebs Units)

*Manufacturing specification, working viscosity may vary*

**Flammability** Non Flammable

**Flash Point\*** Not applicable

**Film Thickness requirements\*** Wet: 97 to 109  $\mu\text{m}$

3.8 to 4.3 mils

• Dry: 30 to 33  $\mu\text{m}$   
1.2 to 1.3 mil

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

Touch dry: 30 minutes

To recoat: 4 hours

Before cleaning: 14 days

When relative humidity is higher than 50%, double the required time.

*Drying times listed may vary depending on temperature, humidity, film build, colour, and air movement.*

\*Technical Data Source: 14220

PPG Architectural Coatings Canada, Inc. warrants 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 warranty, expressed or implied, statutory or otherwise is given. This limited warranty extends only to the original purchaser of the product and is not transferable or assignable. If the product fails to conform to this limited warranty, we will, at your option, furnish replacement product or refund the purchase price. This limited warranty excludes (1) labour or costs of labour for the application or removal of any product and (2) all other direct, indirect, incidental, special or consequential damages.

11/2020



Available at Dulux Paints Stores across Canada and Bétonel-Dulux Stores in Quebec

#### Certifications

- MPI #52, Latex, Interior, (MPI Gloss Level 3)
- MPI #139, Latex, Interior, High Performance Architectural, (MPI Gloss Level 3)
- MPI #151, Light Industrial Coating, Interior, Water Based (MPI Gloss Level 3)
- Complies with LEED® Canada - CI (2006) and NC & CS (2009)

## SURFACE PREPARATION

Surfaces must be clean and dry. Remove all dirt, chalking, grease, rust, loose or peeling paint and other surface contamination. Wash well with an appropriate cleaner. Rinse well and allow to dry.

Remove mildew with a solution of household bleach (1 part household bleach to 3 parts of water). Rinse well.

Repair holes and cracks.

Sand rough areas smooth and dull glossy areas.

*Dulux Diamond 14220* paint may be used as a primer coat on bare areas or total surface. However, for optimum results, especially on tough stains or on very porous or absorbent surfaces, it is recommended to apply the suitable basecoat. New concrete, masonry or plaster must age at least 30 days and be thoroughly dry before painting.

**PRECAUTION:** Dry sanding will give rise to dust and/or hazardous fumes. Wear suitable respiratory protective equipment. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Contact a regional Health Canada office for more information.

### Previously painted alkyd surfaces in good condition:

Prime surface with an appropriate primer.

**Wood:** Unpainted wood or wood in poor condition should be sanded smooth, wiped clean, and then primed.

### Application

This is a ready-to-use product, do not thin.

Shake well before and frequently during use.

Keep containers closed when not in use.

Apply using brushes, rollers or spray equipment.

### Application Conditions

Apply with good ventilation only when air and surface temperatures are between 10°C (50°F) and 32°C (90°F).

### Tools

- Brush: synthetic bristles (nylon, polyester)
- Roller: Lint free – 10 - 15 mm
- Spray (Airless equipment)\*: tip size: 0.015 to 0.021 in. Pressure: 1500 – 2000 psi

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

*Spray equipment must be handled with due care and in accordance with the manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.*

## SYSTEM RECOMMENDATIONS

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

### Previously painted surfaces in good condition:

#### Latex paints

- No primer required
- Dulux Diamond 14220*

#### Repaired surfaces

- Dulux Diamond 14220* may be used self-priming, as a primer coat under itself - one coat (bare areas or total surface)
- Dulux Diamond 14220*

#### Alkyd paints

- Dulux X-PERT® Waterborne Alkyd Primer/Sealer 23010* or *Dulux GRIPPER®* – one coat over total surface
- Dulux Diamond 14220*

#### New surfaces:

#### Gypsum drywall, hardened and dry drywall compound, new dry plaster, concrete, stucco or masonry:

- Dulux LIFEMASTER® Acrylic Primer/Sealer 59113* or *Dulux Diamond 14220* may be used self-priming, as a primer coat under itself
- Dulux Diamond 14220*

#### Wood:

- Dulux Lifemaster Acrylic Primer/Sealer 59113* or *Dulux Gripper* – one coat over total surface
- Dulux Diamond 14220*

#### Vivid, brilliant and deep colours:

- Ultra Latex Accent Basecoat – one coat over total surface.
- Dulux Diamond 14220* – additional coat may be required

### Cleanup

Remove as much product quantity as possible and clean hands and tools immediately with warm, soapy water. Clean spills right away with a damp cloth.

### Storage and Transportation

Keep product cool and dry. DO NOT FREEZE

### Disposal

Consult your municipality in order to dispose of paint residues according to environmental regulations. Do not pour down a drain or storm sewer.

### Safety Measures

Before use, be sure to read and follow the instructions and warnings on the label and Safety Data Sheet (SDS). Keep out of the reach of children. Avoid contact with eyes or skin. Wear protective gloves/clothing and eye/face protection. Use only in well-ventilated area.

**MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION.** Avoid breathing vapours, spray or mists. Avoid contact with skin and eyes. Wear protective gloves/clothing and eye/face protection.

**FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get medical attention if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory symptoms call poison centre or doctor/physician.

For product information call: 1-800-387-3663

[www.dulux.ca](http://www.dulux.ca)

The *PPG Logo* is a registered trademark of PPG Industries Ohio, Inc., *Dulux* is a registered trademark and *Diamond* is trademark of AkzoNobel and are licensed to PPG Architectural Coatings Canada, Inc. for use in Canada only. The *Multi-Coloured Swatches Design* and *Gripper* are registered trademarks of PPG Architectural Finishes, Inc. *MPI* is a trademark of Master Painters Institute, Inc.



PPG Architectural Coatings Canada, Inc.  
2505, de la Metropole  
Longueuil QC, Canada, J4G 1E5