

# DULUX DIAMOND INTERIOR 100% ACRYLIC PAINT 14220

Water based product, (MPI Gloss level 3) pearl finish

## Technical Data Sheet



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

Solids by Volume – 32% (+/- 1%)

Solids by Weight – 47% (+/- 1%)

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

According to ASTM D3960-05: < 100 g/L

Canadian regulation: < 150 g/L

#### Colour

White, medium and ultra deep bases

#### Gloss Level MPI Gloss Level 3 Eggshell finish

• Gloss @ 60°: 10-20%

• Sheen @ 85°: n/a

#### Practical Coverage

380 - 420 sq. ft. per 3.78 litres

9 - 10 sq. metres per litre

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

#### Resin Type

• 100% Acrylic

**Viscosity\*** Ready to use (91 - 101 Krebs Units)

**Flammability** Non Flammable

**Flash Point\*** N/A

#### Recommended Film Thickness\*

• Wet: 4 mils

• Dry: 1.3 mils

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

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

Touch dry: 30 minutes

To recoat\*: 4 hours

Before cleaning: 7 - 10 days

\*Technical Data Source: 14220

### Product Description

Dulux Diamond Pearl 14220 provides a high performance finish that is ideal for withstanding the wear and tear of high traffic environments. The unique formula combines Ceramic Microspheres with advanced stain removal technologies and cross-linking acrylic polymers.

Dulux Diamond Pearl 14220:

- Excellent adhesion
- Exceptional stain resistance
- Excellent durability
- Superior hide
- Self priming
- Dries quickly with very little odour

### Intended Uses

- New and maintenance work
- Residential, Institutional and Commercial sites
- Previously painted surfaces
- Properly primed surfaces: drywall, plaster, fibre boards, concrete, stucco, masonry and wood
- Walls, doors, and trim where an extremely durable finish is desired

### Certifications - As of September 2012

Approved to:

- MPI – Category #52 (MPI Gloss Level 3)
- MPI - Category #139, High Performance Architectural (MPI Gloss Level 3)
- MPI - Category #151, Light Industrial (MPI Gloss Level 3)

Complies with:

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

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.

Edition of September 2012



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 to dry.

- 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 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.

**New Concrete, Masonry or Plaster:** must age at least 30 days and be thoroughly dry before painting.

**Bare Wood:** sand smooth.

## Application

Ready-to-use product, do not thin.

Mix thoroughly before use.

Apply using brushes, rollers or spray equipment.

## Application Conditions

Apply with good ventilation only when air and surface temperatures are above 50°F (10°C)

### Tools

- Brush – synthetic bristles (nylon, polyester)
- Lint free roller – 10–15 mm
- 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

## Clean-up

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

## SYSTEM RECOMMENDATIONS

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

### Previously painted surfaces:

#### Surfaces in good condition

- No primer is required
- Dulux Diamond Pearl 14220

#### Repaired surfaces

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

#### Aged alkyd surfaces

- Dulux Waterborne Alkyd Primer – one coat over total surface
- Dulux Diamond Pearl 14220

### New surfaces:

#### **Drywall, plaster, fibre board, concrete, wood, stucco or masonry:**

- Dulux Lifemaster Acrylic Primer/Sealer 59113 OR Dulux Diamond Pearl 14220 may be used self-priming, as a primer coat under itself – one coat over total surface

- Dulux Diamond Pearl 14220

#### **Vivid, brilliant and deep colours:**

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

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