



TECHNICAL DATA SHEET

EXTERIOR 100% ACRYLIC LATEX PAINT

Water-based product, flat finish

PREMIUM 912XX

Product Description

CIL Premium exterior flat paint is ideal for stucco, masonry and siding. This 100% acrylic latex paint is specially formulated to prevent cracking, fading, peeling and UV damage.

Features & Benefits

- Provides mildew resistant coating.
- Diffuses light; excellent for masking a number of imperfections.
- Easy to apply.
- Dries quickly and has very little odour.
- Resistant to the alkalinity of the concrete.
- Withstands the effects of weather; excellent flexibility; resists flaking, peeling and cracking.
- Resistant to chalking, fading and yellowing.
- Water-based product which allows tool clean-up with water.
- Low VOC content complies with the Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations requirements.

Ideal for

New and maintenance work.

Residential and commercial sites.

Doors, trim and siding.

Exterior surfaces:

Properly prepared concrete, brick, stucco and other masonries.

Properly prepared siding.

Previously painted surfaces in good condition and properly prepared.

Properly primed wood and metal.



Environment

Exterior only.

Technology

"100% acrylic latex": Exceptional adhesion.

Notes

Not to be applied directly to bare ferrous metals (iron, steel).

Do not use on floors, roofs or patios.

On vinyl siding, do not use shades that are darker than the original as it could lead to warping.

Some colours, or drastic colour changes, may require an additional coat of paint.

Do not mix with other paints or thinners.

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

Appearance

Opaque

Gloss Level

Flat finish

- Gloss at 60°: 0 to 5%
- Gloss at 85°: Not available

Composition

- Diluent: Water
- Binder: 100% acrylic (emulsion)

Volatile Organic Compounds (VOCs)*

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

Solids by Volume*

31%

Flammability

Non flammable

Spreading Rate per Coat

3.78 L: 33 to 37 m² (355 to 400 ft²)

(Excluding losses caused by variations in application methods or surface porosity).

Minimal Film Thickness*

(According to the maximum spreading rate)

- Wet: 4.1 mils (104 µm)
- Dry: 1.3 mils (33 µm)

Drying Time*

- Touch dry: 30 to 60 minutes
- Before recoating: Minimum 4 hours
- Prior to withstanding rain: 24 hours
- Full curing: 14 days

If relative humidity is higher than 50%, required time must be doubled.

*Technical data source: 91210

Application Conditions

Temperature: 10 to 32°C (50 to 90°F)

(ideal 20°C ± 5°C [68°F ± 9°F]).

Relative humidity: Ideal between 15 and 50%, maximum 85%.

Surface must be at a temperature at least 3°C (5°F) higher than dew point. Do not apply in direct sunlight or during windy conditions. Do not apply if lower temperatures are expected within 3 to 6 hours. Do not apply when rain is expected within 24 hours.

Tools

- Paintbrush: Synthetic bristles (nylon, polyester).
- Roller: 10 mm (3/8 in.).
- * Spray (airless equipment)
 - Tip size: 0.013 to 0.019 in.
 - Pressure: 2300 to 2700 psi.

Always use top quality application tools.

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

Cleaning Tools

Remove as much product quantity as possible and clean tools with lukewarm soapy water immediately after use.

Surface Preparation

Surface must be clean and dry.

- Remove all dust, chalk, oil, loose paint and other surface contamination with an appropriate cleaner. Rinse well.
- To remove mildew, wash with a solution of household bleach (1 part household bleach to 3 parts water). Wear rubber gloves and eye protection. Rinse thoroughly with clear water, and let dry completely.
- Metal: Remove all loose rust. Wash well and degrease. Let dry. Treat with a metal conditioner and rust remover. Rinse well and let dry.
- New concrete must age at least 30 days and be completely dry before painting.
- Strip, scrape or remove all loose and peeling paint, and sand to smooth edges.
- Sand rough areas and dull glossy surfaces. Eliminate sanding residues. Touch up bare spots.
- Precaution: Dry sanding, flame cutting and/or welding of dry coatings 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.
- Repair holes and cracks with a paste filler suitable for the surface to be repaired.
- Scrape the excess of wood resin and clean with alcohol or paint thinner. Seal bare wood knots with shellac before applying the primer.
- For optimal results, especially on tough stains or on very porous or absorbent repairs, apply one coat of primer. Before its application, cover or mask surfaces that are not to be painted. Listed below are the main base coat products that are recommended:
 - Bare wood (cedar and redwood included): CIL Premium 9979 latex primer-sealer and undercoater.
 - Some wood types prone to stains may require two coats of primer.
 - Masonry: No primer is required.
 - Iron and steel: Apply an appropriate anti-rust primer.
 - Galvanized metal: CIL Premium 9979 primer-sealer and undercoater.
 - Previously painted surfaces in good condition: No primer is required.

Application

This is a ready-to-use product, do not thin. Stir the product thoroughly before application.

Pour the quantity of product needed into another container to avoid contaminating the original paint container. Keep containers closed when not in use.

Apply generously, leaving no bare spots or excessively coated areas, by complying with the spreading rate.

Provide adequate ventilation. Observe the product drying time between coats. Low temperatures or high humidity will extend the drying time.

Remove masking tape after each coat to avoid lifting up paint.

Applying two finishing coats will provide better durability and appearance.

For more information on application methods, visit the website at www.cil.ca or call our customer service: 1-800-DURABLE.

Surface Maintenance

- Wait for its full curing before washing the paint or testing its adhesion: minimum 14 days (longer in conditions of high humidity or low temperature). Use a non-abrasive cleaner and a soft cloth.
- If required, touch up bare areas with primer and apply another coat on the whole surface.

Storage and Transportation

During storage and shipping, keep product in a dry and ventilated area between 10 and 32°C (50 and 90°F). Under such conditions, unopened containers may be stored up to 5 years from manufacturing date. PRODUCT MUST NOT FREEZE.

Disposal

Consult your municipality in order to dispose of paint residues according to environmental regulations or give leftover paint to someone who could use it: a neighbour, a friend, a recreation centre or a non-profit organization. Do not empty into drains.

Safety Measures

Read the Material Safety Data Sheet. Keep out of reach of children. Use only in ventilated areas. 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 TREATMENT: If in eyes or on skin, flush thoroughly with clear water. If swallowed, do not induce vomiting. Inhalation: If respiratory discomfort occurs, move the person to fresh air. Call Poison Control Centre or physician immediately.