TECHNICAL DATA SHEET
811-XXX
EXTERIOR 100% ACRYLIC LATEX PAINT
Water-based product, flat finish

Product Description
A 100% acrylic latex paint designed for exterior surfaces of concrete, brick, stucco, asbestos shingle, wood or prefinished sidings.

Quality

Superior quality

Advantages

- To be applied at temperatures ranging from 1 to 32°C (34 to 90°F).
- This product does not require a specific primer and can be used as a primer on the surfaces listed below.
- Diffuses light; excellent for masking a number of imperfections.
- Provides high build properties and durability: builds superior film for best protection, bridges small cracks and prevents water infiltration.
- Flexible and breathable: tolerates thermal expansion and contraction of material and prevents cracking, blistering and peeling.
- Contains a preservative which is mildew resistant.
- Excellent UV resistance: resists yellowing and colour fading for a lasting new appearance.
- A water-based product which facilitates tools clean-up with water.
- Low content of VOCs; complies with the requirements of the Canadian Volatile Organic Compound (VOC) Concentration Limits for Architectural Coatings Regulations.

Projects

Environment

Exterior only.

Use

New and maintenance work.

Residential and commercial sites.

Surfaces

Concrete, brick, stucco, asbestos shingle, wood or prefinished sidings.

Surfaces in good condition or properly prepared.

Notes

Not formulated to be used on roofs, floors and decks.
This product is not formulated to be used on bare ferrous metal (iron, steel).

Do not repaint vinyl with a colour that is darker than the original colour.

Do not mix with other paints or thinners.

Technical Specification (21°C (70°F))

Appearance

Opaque

Gloss Level

Flat finish

- Gloss at 60°: 0 to 5%
- Gloss at 85°: 5 to 12%

Composition

- Diluent: Water
- Binder: 100% acrylic emulsion

Drying Time*

- Touch dry: 60 to 90 minutes
- Dust free: 2 hours
- Before recoating: 2 to 4 hours
- Prior to withstand rain: 8 hours
- Before cleaning: 14 days

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

Spreading rate per coat

3.78 L: 42 to 49 Sq m (450 to 525 Sq ft)
(Excluding losses caused by variations in application methods or surface porosity.)

Volatile Organic Compounds (VOCs)*

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

Canadian regulation: < 100 g/L

Solids by Volume*

33%

Flammability

Non flammable

Recommended Film Thickness*

(according to the maximum spreading rate)

- Wet: 3.1 mils (79 µm)
- Dry: 1.1 mils (28 µm)

Certifications*

OPCA #10

* Type CAN/CGSB-1.138-97 Exterior Latex Flat Paint

* Type MPI #10 Latex, Exterior Flat (MPI Gloss Level 1)

(* Type: product whose characteristics are close to the standards.)

**Technical data source: 811-110*

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Surface Preparation

Surfaces must be clean, solid, dry and free from dust, dirt, oil, soot, wax, mildew, chalking, loose paint or all contaminants. In order to prepare surfaces adequately, follow the preparation steps as described below:

► Clean surface with Polyprep cleaner 771-135, 771-136 or the appropriate cleaner for removing the contaminant. Rinse thoroughly.
— To remove mildew, wash with a solution of household bleach (1 part household bleach to 3 parts of water). Wear rubber gloves and eye protection. Rinse thoroughly with clear water and let dry completely.
— New concrete: Allow 28 days aging. Treat with Polyprep muriatic acid solution 771-127. Rinse thoroughly with clear water and let dry completely.
— Metal: Remove loose rust. Treat with Corrostop Ultra 635-104 metal conditioner and rust remover.

► Strip, scrape or remove all loose and peeling paint and sand to smooth edges.

► Lightly sand glossy areas. Vacuum sanding residues. Precaution: dry sanding, flame cutting and/or welding of dry paint film will give rise to dust and/or hazardous fumes. Wet [sanding] / [flatting] 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 or a joint compound suitable for the surface to be repaired.

— If wood exudes resin, scrape the excess and clean surface with alcohol or paint thinner. On bare wood, seal knots and sap streaks with Polyprep shellac 205-112.

► Once the surface is dry and free of any contaminant, apply the product under the conditions of application recommended.

• Bare wood of all wood species (cedar and redwood included): No specific primer is required. For optimal results on tough stains or on very porous or absorptive plaster reparis, apply GoPrime primer 190-135.
Fill nail holes only after the first coat has been applied.

• Concrete, brick, stucco, asbestos, masonry: No primer is required. In warm weather, wet the surface with water before applying the first coat.

• New or bare ferrous metal (iron, steel): Corrostop Ultra 635-260 or 635-785.
• New galvanized metal: Polyprep 145-011 or GoPrime 190-135.

•Surfaces in good condition previously painted with a latex-based paint: no primer is required.
• Surfaces in good condition previously painted with a gloss finish alkyd-based paint: sanding is not required; however, it will provide best results.

Application

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

Pour the quantity of paint 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; comply with product spreading rate.

Observe drying time between coats. Low temperatures or high humidity will affect drying time.

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

To obtain more information on application methods, visit the website at www.sico.ca or call our customer service: 1-800-463-7426.

Recommendations

Application Conditions

Temperature: + 1°C to 32°C (34°F to 90°F)
(ideal 20°C ± 5°C [68°F ± 9°F]).
Relative humidity: ideal between 15 and 50%, maximum 85%
Do not apply when dew is present, under direct sunlight, on a warm surface or during windy conditions.
Do not apply when lower temperatures are expected within
2 to 3 hours (1°C to 32°C; 51 to 90°F)
3 to 6 hours (6 to 10°C; 43 to 50°F)
6 to 9 hours (1 to 5°C; 34 to 41°F)
Do not apply when rain is expected within
8 hours (11 to 32°C; 51 to 90°F)
16 hours (6 to 10°C; 43 to 50°F)
24 hours (1 to 5°C; 34 to 41°F)
When relative humidity is higher than 50%, multiply the above mentioned time by two.

Tools

• Paintbrush: Synthetic bristles (nylon, polyester)
• Roller: 10 mm (3/8 in)

Cleaning Tools

Remove as much of the product as possible and clean tools with lukewarm water and soap immediately after use.

Surface Maintenance

• Let surfaces dry completely and wait at least 14 days before cleaning them. Use a non-abrasive cleaner and a soft cloth.
• If required, prime and retouch bare areas and apply an additional coat on the whole surface.

Storage and Transportation

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

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: neighbours, friends, recreation centres or non-profit organizations. Do not pour leftover paint into sewers.

Safety Measures

Read the Material Safety Data Sheet. Avoid contact with eyes. Keep out of reach of children.

Use in well ventilated areas only.
FIRST AID TREATMENT: If in contact with eyes, flush thoroughly with clear water.
If swallowed, do not induce vomiting.
Call poison centre or physician immediately.