

TECHNICAL DATA SHEET

ULTRA PREMIUM WATERBORNE INTERIOR ALKYD PAINT FOR FURNITURE AND CABINETS

Water-based product, melamine finish

CIL SMART³ 8860X

Product Description

CIL smart³ Furniture and Cabinets melamine finish is specially formulated for use on furniture, cabinets, doors, trim and walls of any room.

Features & Benefits

- Superior levelling properties provide a smooth, streak-free finish.
- Chip and abrasion resistant.
- Ultra scrubbable.
- Easy to apply.
- Dries quickly.
- Excellent resistance to moisture.
- 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.

For furniture, cabinets, doors, trim and walls of any room.

Previously painted or varnished surfaces that are clean and in good condition or properly primed surfaces: drywall or fibre wallboards, wood, plaster and metal.



Environment

Interior only.

Technology

Unique alkyd emulsion based technology that is a waterborne paint with alkyd-like properties.

Notes

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

This product is not formulated to be used on floors.

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

Not formulated to be used on floors.

Do not mix with other paints or thinners.

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.

Technical Specifications (21°C (70°F))
Appearance Opaque
Gloss Level Melamine finish • Gloss at 60°: 30 to 40% • Gloss at 85°: Not available
Composition • Diluent: Water • Binder: Alkyd polymer (emulsion)
Volatile Organic Compounds (VOCs)* According to ASTM D3960-05: < 100 g/L Canadian standard: < 150 g/L
Solids by Volume* 36%
Flammability Non flammable
Spreading Rate per Coat 3.78 L: 45 to 55 m ² (480 to 590 ft ²) (Excluding losses caused by variations in application methods or surface porosity).
Minimal Film Thickness* (According to the maximum spreading rate) • Wet: 2.8 mils (71 µm) • Dry: 1.1 mil (28 µm)
Drying Time* • Touch dry: 2 hours • Before recoating: 4 to 6 hours • Full curing: 30 days If relative humidity is higher than 50%, required time must be doubled.
Certifications* Not available
<i>*Technical data source: 88600</i>

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 55%, maximum 85%.
Conditions to be observed during both product application and drying time.

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

Clean tools in soapy water immediately after use.

Surface Preparation

Surfaces must be clean, solid and dry. Remove all dust, dirt, oil, soot, wax, mildew, chalking, loose paint and other surface contamination.

- ▶ Clean surface 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.
 - New concrete must age at least 30 days, and be completely dry before painting.
- ▶ 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 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.
- ▶ Repair holes and cracks with a suitable compound 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.
- ▶ Before applying the base coat, cover or mask surfaces that are not to be painted. Listed below are the main base coat products that are recommended:
 - Wood: CIL smart³ latex primer 88120.
 - Gypsum boards, new dry plaster: CIL smart³ latex primer 88120.
 - Metal: Appropriate metal primer.
 - Surfaces in good condition previously painted (latex): No primer is required.
 - Surfaces in good condition previously painted (alkyd): Sand glossy areas and vacuum sanding residues. If required, prime or spot prime with CIL smart³ latex primer 88120.

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 drying time between coats. Low temperatures or high humidity will affect the drying time. Remove masking tape after each coat to avoid lifting up paint when work is completed. 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 30 days depending on temperature and relative humidity. 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

Keep product in a dry and ventilated area between 10 and 30°C (50 and 86°F). PRODUCT MUST NOT FREEZE.

Disposal

Consult your municipality about proper disposal procedure of residue in accordance with the laws and environmental respect or give leftover paint to someone who could use it: a neighbour or friend, a recreation centre or a non-profit organisation. Do not empty into drains.

Safety Measures

Read the Material Safety Data Sheet. Avoid contact with eyes. Keep out of reach of children. Use only in ventilated areas.

FIRST AID TREATMENT: If in contact with eyes, rinse thoroughly with clear water. If swallowed, do not induce vomiting. Call Poison Control Centre or physician immediately.