

C1C ACRYLIC

FLAT ONE-COAT INTERIOR - EXTERIOR PAINT

WATER-BASED ARCHITECTURAL PAINTS



Description

C1C is characterized by its ultra-high opacity and has been specifically designed to deliver outstanding hiding power in only one-coat. C1C's superior hide is perfect when you need to finish the job quickly. Its smoothness makes it ideal for use in high-end commercial projects areas such as living rooms, dining rooms, bedrooms, hallways and other surfaces requiring a flat finish.

Recommended For

Interior or exterior applications on plaster, embossed wall coverings, gypsum board, concrete, cement rendering, brickwork & block work.

Key Features

- Superior Durability
- No lead
- Flat smooth finish
- Very low water absorption
- Reduced dirt pick up
- Very good durability
- Odorless
- Enhanced resistance to flame spread

Physical Properties

Resin Type	100% pure acrylic	
Solvent Type	Waterborne	
Finish Type	Gloss Level 1 a traditional flat finish	Not more than 5 units at 60 degrees and 10 units at 85 degrees
Gloss Values	(20/60/85) = 0.9, 2.6, 7	Based on ASTM D523
Spreading Rate	Approximately 8 - 10 m ² /kg	Depending on surface porosity and application techniques
Average Dry Time	Touch-dry in 1/2-1 hour	Based on ASTM D 1640
Recoat	After 2-4 hours.	
Flash Point	Not Applicable	
Dry Film Thickness	40 to 45 microns depending on application	
Thinner	Add up to 10% of clean water	
Adhesion	4B	Based on ASTM D3359
Contrast ratio		
Dry opacity	97.7% ±0.3 at 100 micron WFT	ASTM D2805
Hiding Power	99.4% ±0.3 at 200 micron WFT	
Scrub resistance	Higher than 10,000 cycles	Based on ASTM D2486
Density	1.40 g/cm ³	
Solids	62%	
Alkali Resistance	No wrinkling, lifting, disintegration or color change	Based on ASTM D1308-02
Viscosity	10,000 - 15,000 cP & 100KU ±5	Measured with Spindle 4 at Speed 5
VOC	Maximum of 30 g/L. Testing Methods Used <ul style="list-style-type: none">• ASTM D6886• EPA Method 24 (ASTM D2369)• ASTM D3960• UL 2821• ISO 11890-2	<ul style="list-style-type: none">• Compliant with GS-11 Standards, 1993• Compliant with UL 2818 - 2013 Gold Standard• Compliant with LEED 2009• Compliant with LEED V4• Compliant with EU Directive 2004/42/EC• Compliant with SCAQMD Rule 1113, 2004• Compliant with California Department of Public Health (CDPH) Standard Method V1.1-2010
Bases	W1, N	

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Certifications

THIS PRODUCT IS GREENGUARD GOLD CERTIFIED

The above mentioned certification determines our products compliance with the following building codes and programs amongst others:

- CHPS 2.2.2: Paints & Coatings
- LEED 2008, LEED 2009 and LEED V4
- Compliant with LIBNOR 84:1999& LIBNOR 83:1999

This product is compliant with the following standards

- UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings
- Masters Paint Institute #53 – Latex Interior Flat
- Masters Paint Institute #10 – Latex Exterior Flat

Surface Preparation

All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, bond-breakers and other contaminants. Remove all loose, peeling, or chalky paint by sanding, scraping, or any other appropriate methods. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded smooth and dusted clean and primed with a suitable Colortek primer. New plaster or masonry surfaces must be allowed to cure (28 days) before applying base coat. Cured plaster should be hard, have a slight sheen and a maximum pH of 10. A soft, porous or powdery plaster indicates improper cure. Knife off any protrusions and prime plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles.

CAUTION: Scraping or sanding surfaces of older buildings may release dust containing lead or asbestos. **EXPOSURE TO LEAD OR ASBESTOS CAN BE VERY HAZARDOUS TO YOUR HEALTH.** Always wear appropriate personal protective equipment during surface preparation and finish cleanup of any residues by water-washing all surfaces.

Primer Systems

SURFACE TYPE	RECOMMENDED COLORTEK PRIMER
Drywall	Colortek Primer
Porous masonry	Colortek Sealer, Colortek Primer
Non-porous masonry	Colortek Primer or Colortek Undercoat
Wood	Colortek Undercoat
Ferrous metal	SX47 StopRust / Colortek Adhero

Application Conditions

Do not apply at temperatures below 5 °C or when rain is expected. Stir well. Apply using brush, roller or airless spray.

Pack Size

- 1 US Quart 1.2 Kg
- 1 US Gallon 4.9 kg
- 1 US Drum 24.5 kg

Shelf Life

24 months from the date of production.

Storage and Handling

Care should be taken to avoid spillage. Store in a dry area. Protect from freezing. Extreme temperatures may cause paint to become unusable. For example: freezing and thawing may cause paint to gel, and high heat may cause solid skin to form.

Safety

Use under well ventilated conditions. Avoid skin contact. In case of eye contact, flush immediately with water for at least 15 minutes and seek medical attention immediately. If you have trouble breathing, leave the area to obtain fresh air and seek medical attention immediately.

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Cleaning

Remove as much leftover product as possible from the application equipment before cleaning. Clean equipment immediately after use with warm soapy water and rinse thoroughly. Do not empty product into drains or watercourses.

Technical Assistance

Available through your local COLORTEK® Design Center or through your COLORTEK PAINTS® authorized distributor. For the location of the retailer nearest you, email us at info@colortek.eu or check our website www.colortek.eu.

Disclaimer

Product batches are subject to stringent quality control checks in conformity with ISO 9001:2008, Certificate CH12/1128. The information submitted in this manual is correct to the best of our knowledge & experience. No liability whatsoever can be accepted based on the information supplied herein.