

Description

Interior and Exterior Paint is a super-premium latex developed to perform optimally through the combination of resin and proprietary formulation. The 100% acrylic urethane enhanced latex offers remarkable adhesion, coverage, mar and scrub resistance, and mildew resistant coating providing excellent performance in household, commercial, and high traffic zones. Outstanding performance is aided by excellent flow and leveling which delivers a nice smooth finish.

Recommended Substrates

Trim, Entry Doors, Interior Doors, Cabinet Doors, Cabinets
Vertical Application Only

Tinting and Base Information

414-01	High Hide White – Tintable to a specific colour collection
414-00W	White Base – Pastels - Tintable
414-04*	Medium Base – Mid tones
414-03*	Clear Base – Deep tones
414-10	Black - Premix

**Must be tinted before use. Refer to the formula book or colour matching system for colour formulas and tinting instructions. Some tints, drastic colour changes, or porous substrate may require a primer coat or more than two coats to achieve a uniform finish.*

Features

Ceramic Microsphere Technology
Cross-linking Technology
Urethane Enhanced
100% Acrylic Polyurethane Resin
Excellent Adhesion
Excellent Flow and Leveling
Stain Guard Technology
May be applied in cooler temperatures - >5°C for a minimum of 48hrs.
Excellent Scrubbability and Washability
Home Owners Lifetime Guarantee

Benefits

Resist Household Dirt and Stains
Non-Yellowing
Smooth application and promotes exceptional hiding and coverage
Wiping and brushing against the finish will not impact the sheen
Excellent long-term performance and durable finish
Mar and Scrub resistant
Resist formation of new mildew on the paint surface

Regulatory Conformance and Approvals

Meets stringent VOC regulation - ≤ 50 g/L (based on 414-00W)
MPI – Master Painters Institute – MPI 43
Meets LEED 2009 (Excluding Schools) www.paintinfo.com

Technical Data

Vehicle Type: 100% Acrylic Polyurethane Resin

Gloss Range: 20-40 (60° angle) based on a 414-00W

Spread Rate: Approximately 40-50m² or 400-500 ft² per gallon on smooth and non-porous surfaces. Spread Rate do not include loss due to surface irregularities, surface porosity, and application method.

Volume Solids*: 31% based on 414-00W

Weight Solids*: 45% based on 414-00W

*Weight per 3.64L – 5.0kg including can

Drying Time: @ 25°C; 50% Relative Humidity

To Touch – 2 hours

To Recoat – 8 hours

To Full Cure – 7 days

Drying times will vary depending on ambient temperature, humidity, film build, colour, and air movement.

Surface Temperature:

Material – 10°C (50°F) to 32° (90°F)

Ambient - 5°C (41°F) to 32° (90°F)

Substrate - 5°C (41°F) to 32° (90°F)

Storage of material at elevated temperatures for prolonged periods may experience skinning.

Viscosity: 90-100 Krebs Units @ 25°C

Flash Point: N/A

Disposal: Contact your local environmental regulatory office or your municipality for specific guidelines

Container Sizes:

414-01	911ml 1858-614	3.64L 1858-615	
414-00W	911ml 1858-152	3.64L 1858-602	18.2L 1858-603
414-04	870ml 1858-161	3.48L 1858-616	
414-03	850ml 1858-156	3.40L 1858-606	
414-10	9.25ml 1858-162	3.70L 1858-618	

General Preparatory Steps and Application Info

- Surface must be clean, dull, and dry
- Remove all loose and peeling paint, dirt, mildew, grease, stains, and any other surface contamination. Putty all nail holes, repair all cracks and open seams.
- Sand all glossy, rough, and patched surfaces.
- Repair all moisture damage and deter all moisture problems.
- Two coats are required providing the surface is smooth and sound.
- For severe stains, water marks, tannins, and other challenging surfaces use an appropriate BT specialty primer. Please consult with your local paint department.
- Follow label directives for application and primer requirement.
- Not intended for floor use.

Concrete / Masonry: Allow surface to cure for 6months prior to painting. The pH must be less than 10 before painting. Use appropriate BT specialty primer. **Vertical use only.** **Primer coat is recommended, please consult with your local paint department.

Varnished / Lacquered: Degrease, sand well, and clean with a damp cloth, and prime with alkyd primer 59-20 or Stick iT or Block iT (depending on porosity – 2 coats).

Painted Wood: Degrease, sand well, and clean with a damp cloth, and prime with Stick iT or Block iT or an alkyd primer 59-20.

New Wood: Sand well, clean with a damp cloth, and prime with an alkyd primer (a minimum of 2 coats – 24 hours between coats).

Pre-Finished MDF: Lightly sand, clean with a damp cloth, and topcoat with finish colour or paint. Priming is an option.

Pre-Finished Doors: Lightly sand, clean with a damp cloth, and topcoat with finish colour or paint. Priming is an option.

Entry Steel Doors: Degrease, sand lightly, clean with a damp cloth, and prime with Stick iT or an alkyd primer. Do not paint fiberglass entry doors.

Soluble Stains: Prime with a Block iT or alkyd primer. Please consult with your local paint department for primer recommendation.

-Tinted primer is recommended for deep colours.

-Allow a minimum of 7 days to cure prior to gently washing the surface.

-Always maintain a wet edge and a liberal uniform film thickness. Do not back roll.

-Only work 4 feet ahead if cutting-in to avoid picture framing.

-Always use premium applicators. Ensure adequate ventilation.

-Stir thoroughly before and occasionally during use.

-If using more than one can of the same colour, intermix to ensure uniform colour.

Application Equipment: Apply with a high-quality brush, roller, paint pad, or sprayer. Sprayer – 0.015"-0.021" nozzle tip at manufacture PSI recommendation. Brush – Polyester / Nylon. Roller – 5mm – 10mm nap cover.

Thinning: Water - Not necessary but no more than 10%-12% of volume.