

Enduring color for Accoya® wood products



Long-lasting, factory-applied solid color topcoat and semi-transparent finish coating systems

With over 130 years of experience coating everything from cars and houses to beverage cans and industrial equipment, PPG enhances more high-quality surfaces and substrates in more ways than any other global company.

That's why we're pleased to announce our partnership with Accoya. Accoya modified wood has become a lumber industry benchmark when it comes to performance and sustainability, delivering a unique combination of durability, stability and versatility.

A factory-applied system of PPG MACHINEPURE® primer and PPG DURACOLOR® solid color topcoat or a *Duracolor* solid color basecoat plus a semi-transparent finish delivers outstanding, low-VOC protection for Accoya products in any of over 2,000 vibrant hues from the PPG VOICE OF COLOUR™ collection — all backed by a 15-year warranty*.

Our Markets

Siding

Decking

Windows and doors

Exterior furniture



Excellent exterior durability

- Powerful UV protection reduces color fading and chalking
- Strong adhesion properties for increased substrate protection
- Outstanding flexibility that reduces cracking



Consistent quality performance

- Machine applied for better overall uniformity versus field application
- Fully encapsulated for total substrate protection
- High-build formula increases coverage and color consistency



Responsible manufacturing

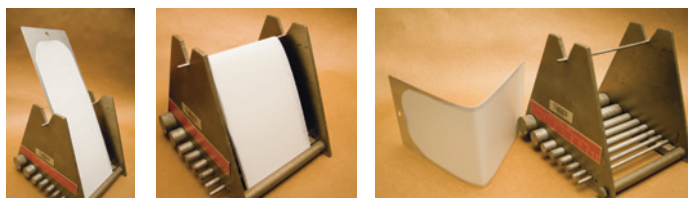
- 100% acrylic-latex, water-based, low-VOC formulations
- All coating VOCs at or below 0.71 lbs./gal. (85 g/L)
- No solvents or cleaners required for cleanup

* Peel and flake resistant, washable and resistant to chalk washdown. Subject to exclusions and limitations as set forth in our warranty.



	Solid Color System		Semi-Transparent System
	MachinePure Primer	+ Duracolor Solid Color Topcoat OR Basecoat +	Duracolor Semi-Transparent Finish
Product Type	100% acrylic	100% acrylic	100% acrylic
Gloss @ 60°	Flat (< 10)	Eggshell (10-20)	Eggshell (3-12)
Volume Solids	28% ± 2%	37% ± 2%	33% ± 2%
Weight Solids	44% ± 2%	51% ± 2%	39% ± 2%
Weight	10.8 lbs./gal. (4.9 kg/3.78 L)	10.7 lbs./gal. (4.8 kg/3.78 L)	9.1 lbs./gal. (4.1 kg/3.78 L)
Coverage	300 sq. ft./gal. (27.8 sq. m/3.78 L)	300 sq. ft./gal. (27.8 sq. m/3.78 L)	300 sq. ft./gal. (27.8 sq. m/3.78 L)
Wet Film Thickness, Per Coat	5.4 – 6.4 mils (137 – 163 µm)	5.0 – 5.5 mils (127 – 140 µm)	4.5 – 6.0 mils (114 – 152 µm)
Dry Film Thickness, Per Coat	1.5 – 1.8 mils (38 – 46 µm)	1.9 – 2.1 mils (48 – 53 µm)	1.4 – 2.0 mils (36 – 51 µm)
VOCs	0.56 lbs./gal. (67 g/L)	0.63 lbs./gal. (76 g/L)	0.71 lbs./gal. (85 g/L)
Drying Methods*	Air, force dry by infrared or convection air ovens		
Air Dry Time at Ambient Conditions	8 hours @ 70° F (19° C) and 50% humidity		

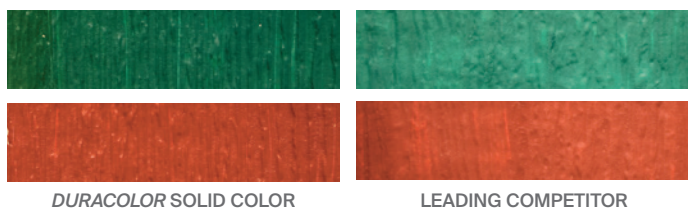
* Refer to technical data sheet for more specific information.



Flexibility

Duracolor solid color topcoat and semi-transparent finishes were applied to a metal panel for the mandrel bend test.

RESULT: Duracolor coatings demonstrate outstanding flexibility that resists cracking.



DURACOLOR SOLID COLOR

LEADING COMPETITOR

Weathering resistance

Duracolor solid color topcoat was tested against leading competitors in an accelerated weathering scenario for 5,000 hours.

RESULT: Duracolor coatings outperform the competition with better durability and color retention.



BEFORE

AFTER

BEFORE

AFTER

Panels were coated with Duracolor solid color basecoat and topcoated with Duracolor semi-transparent finish, and tested in extreme accelerated weathering conditions (ASTM G155).

RESULT: Duracolor coatings resist weathering and retain their color.

For more information: accoya.com

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