

North American Locations



- ★ **Americus, GA** – Corporate Headquarters & Product Development
- ★ **Ellaville, GA** – Manufacturing
- ★ **Burlington, Canada** – Product Development & Manufacturing

The Value of 168 The Value of 168 is the corporate philosophy of RPM. This figure, often cited by RPM's founder, Frank C. Sullivan, represents the number of hours in a week. On a deeper level, it serves to remind RPM and its subsidiaries of his belief that they are born with two great gifts: life and time to do something meaningful. The Value of 168 signifies RPM's enduring commitment to fellow employees, subsidiaries, customers, and stockholders.

Warehouses

- ★ **Baltimore, MD**
- ★ **Burlington, Canada**
- ★ **Carrollton, TX**
- ★ **City of Industry, CA**
- ★ **Ellaville, GA**
- ★ **El Paso, TX**
- ★ **Indianapolis, IN**
- ★ **Itasca, IL**
- ★ **Monterrey, Mexico**
- ★ **Nixa, MO**
- ★ **Paragould, AR**
- ★ **Salt Lake City, UT**

TCI is a proud subsidiary of RPM International Inc. RPM is a multinational holding company, founded in 1947, with an entrepreneurial operating philosophy structured into subsidiaries. These subsidiaries manufacture and market various specialty coating brands and chemical product lines. RPM has 116 manufacturing facilities in 26 countries and employs approximately 13,000 people worldwide.



TCI Stock Color Card



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To Order: 800.533.9067 • 229.937.5411

For More Information: www.tcipowder.com

TCI Product Series

1000 Series

Low Cure Systems

Formulated for heat sensitive substrates, these products were developed to cure at 250 F. Lower temperatures are also possible. Powder can be applied with or without minimal substrate preheating and are best suited for interior applications. Products in this series are not recommended for outdoor exposure. Loss of gloss and chalking will occur when exposed. These products feature excellent physical and chemical resistance properties. Typical uses include medium density fiberboard (MDF), fiber reinforced plastic (FRP), and sheet molding compound (SMC) substrates. Each customer's substrate and application technology must be evaluated before ordering powder.

2000 Series

Acrylic Systems

These products have a broad formulating range and are capable of meeting many decorative application requirements. Products in this series can have increased hardness, chemical resistance, overbake resistance, smoothness and weatherability when compared to standard systems. Products can be formulated for interior and exterior applications. Contact a TCI sales representative or chemist to determine suitability of this technology.

3000 Series

High Temperature Systems

Formulated with heat resistant silicon resin to provide coating stability, adhesion, color, and gloss retention in elevated temperature applications, these products are suitable for different levels of continuous or intermittent temperature exposure. Contact a TCI chemist to initiate a product design for high temperature applications.

4000 Series

Specialty Systems

Developed with TCI's proprietary resin technology, this series of powder coatings provides a broad formulating range for decorative or functional uses when conventional technology will not meet a customer's demanding application and performance requirements. Please contact a TCI Account Manager to initiate a product design for your challenging application.

5000 Series

Alternative Cure Polyester Systems (Non-TGIC)

Formulated to meet many decorative requirements for gloss, smoothness, color and weatherability, these products can provide solutions where TGIC containing Polyester or Urethane Polyesters are not approved. Typical uses include interior and exterior furniture, sports equipment, and machinery. TGIC free is available in Standard Durable and Super Durable chemistries. Please contact a TCI Account Manager to discuss the advantages of using this chemistry.

6000 Series

Epoxy/Polyester Hybrid Systems

These products have a broad formulating range that can meet many decorative and functional application requirements. Yet, they can rapidly lose gloss and begin to chalk when exposed to sunlight, making them best suited for interior applications. This series has a good balance of physical properties, smoothness, gloss and excellent application characteristics that allow for lower film thickness. Typical uses include automotive accessories, exercise equipment, power tools, office furniture, shelving and display racks.

8000 Series

Urethane Systems

These products meet many decorative requirements for gloss, smoothness, color, and weatherability. They are formulated for use in interior and exterior thin film applications that deliver excellent film properties such as hardness, adhesion, flexibility, chemical and corrosion resistance. Most products in this series are not suitable for high film build. Typical applications include lighting fixtures, automotive trim, interior auto components, home appliances, and interior/exterior furniture.

10000 Series

Superior Exterior TGIC Polyester Systems

Products within this series are formulated high performance resins and pigments to meet AAMA 2604 specifications and are available in a wide selection of colors in a wide gloss range. Designed for exterior applications, this series provides excellent film and performance properties for gloss and color retention, chemical and salt resistance, impact and flexibility. Applications may include windows, doors, store fronts, playground equipment, cladding components, park furniture, fences and railings, light fixtures and poles, and more.

7000 Series

Epoxy Systems

Products in this series are best suited for applications requiring superior adhesion, corrosion and chemical resistance. Ideally suited for interior applications as they can rapidly lose gloss and begin to chalk when exposed to sunlight. Epoxy systems can be formulated to have excellent physical properties such as hardness and flexibility. Typical uses for this product series include automotive underbody, corrosion resistant primers, lighting, racking, and material handling equipment.

9000 Series

TGIC Polyester Systems

These products have the broadest formulating range in color and gloss, and many will meet or exceed AAMA 2603 performance requirements. The work horse of the industry, this series can be used in interior or exterior applications, and provides excellent flexibility, impact resistance, and application properties. Typical uses include aluminum extrusions, playground equipment, light fixtures, heavy duty machinery and equipment.

11000 Series

Highest Exterior Organic Systems

Formulated to meet AAMA 2605 specifications using fluoropolymer resin, products in this series have highest exterior durability in the industry. They have superior gloss and color retention and come in a variety of gloss levels and colors. When you desire superior exterior durability, color and gloss retention; look no further than TCI's 11000 Series platform of products. Proper amorphous chromium phosphate or amorphous chromate pretreatment is critical to ensure product performance. A TCI technical representative must audit each application system to ensure products will meet the 2605 specification.



TCI Colors in Stock and Ready to Ship

TCI stocks hundreds of products available in a variety of colors, textures, and effects ready to ship to you at a moment's notice. Along with the products in this color card, other stock color options include TCI's TruDurance™ Architectural Powder Coatings, which meet AAMA 2603, 2604, and 2605 specifications, as well as our fast cure, super durable RAL colors.

TCI has developed innovative technology platforms that offer you a complete range of powder coating options designed to give you the performance, quality, and value you expect. Our product portfolio is suitable for those markets that require a durable yet beautiful powder coating finish.

TCI's product lines include TruBond™ and TruBond™ Plus Bonded Metallic Coatings, Truillusion™ Special Effects Coatings, TruZinc™ Primer Coatings, as well as TruDurance™ and TruAnodize™ Architectural Powder Coatings.

Visit TCI's Online Color Selector to get an electronic view of hundreds of colors. Select the color, environment, and finish to find the perfect product for your needs. *Please note that colors in the selector might not be perfectly accurate due to variations of how colors are displayed on computer monitors.

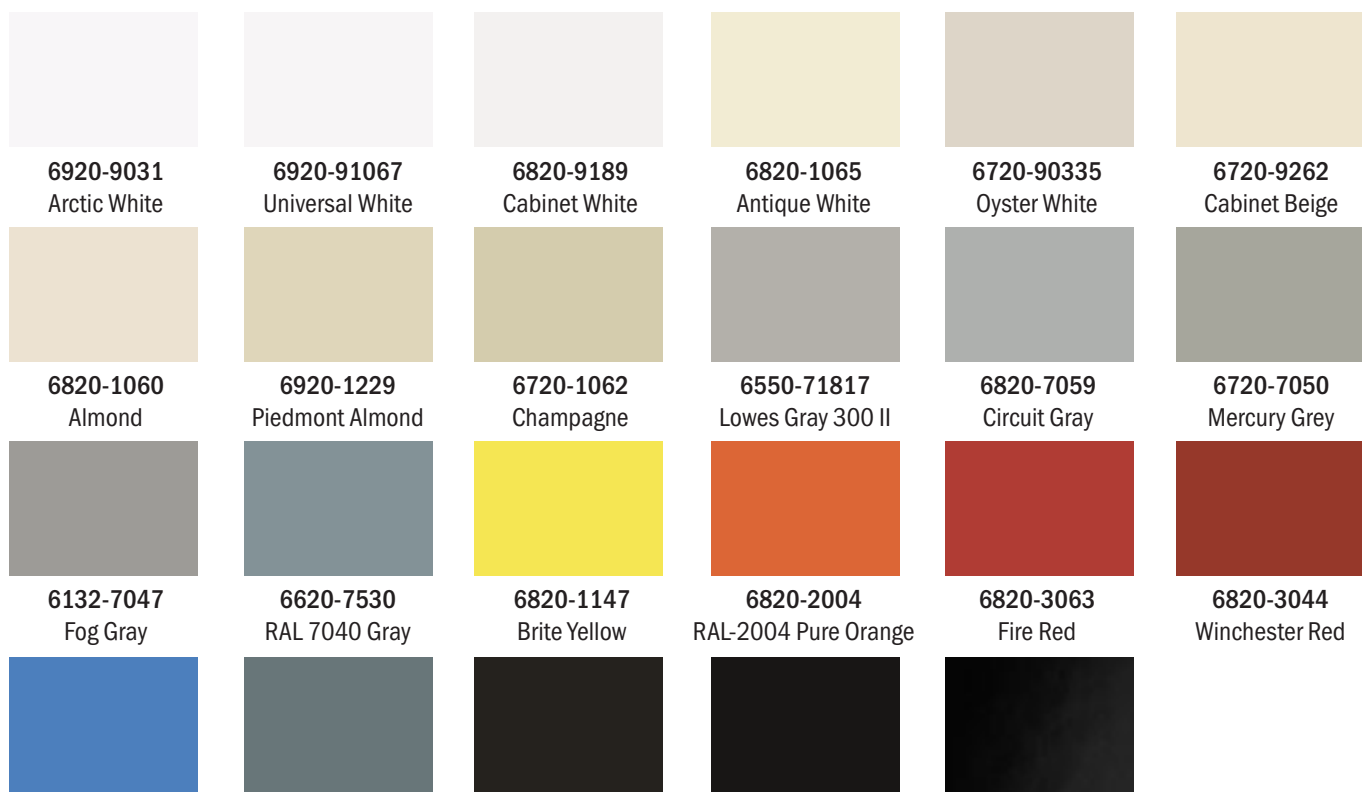


Property	1000	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000
Hardness	E	E	G	VG-E	VG	VG	E	G	VG	VG	VG
Flexibility	E	P	G	VG	E	E	E	E	E	E	E
Overbake Stability	P	E	E	VG	E	VG	P	G	E	VG	VG
Exterior Durability	P-E	P-E	P-E	P-E	E	P	P	E	E	S	HP
Corrosion Protection	E	VG	G	E	VG	VG	E	VG	E	E	E
Chemical Resistance	E	E	G	VG	VG	VG	E	G	VG	VG	VG
Application Properties	VG	G	G	VG	E	E	E	G	E	VG	VG

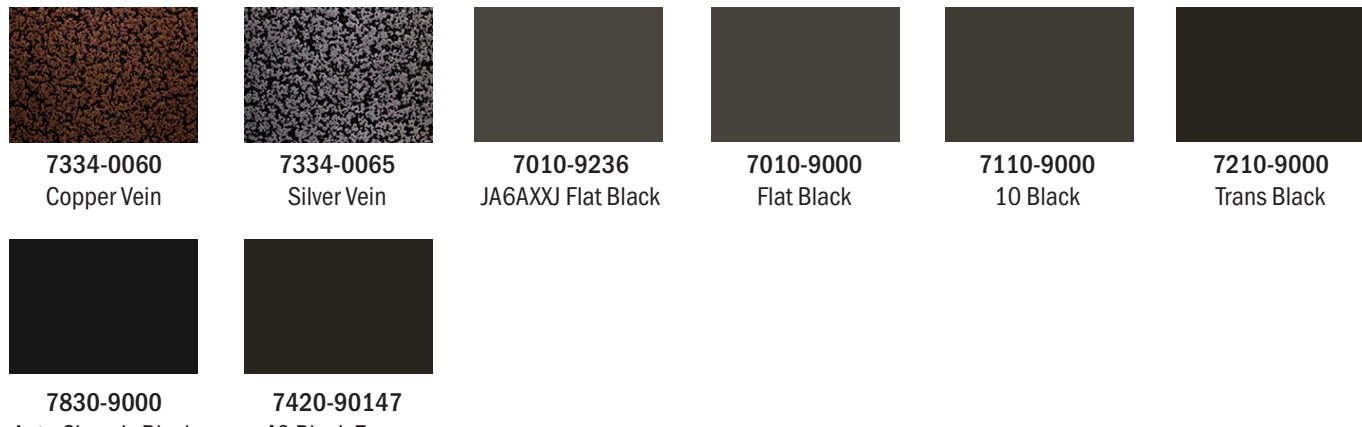
P=Poor G=Good VG=Very Good E=Excellent S=Superior (AAMA 2604) HP=Highest Performance (AAMA 2605)

Interior Applications- 1000, 2000, 3000, 4000, 6000, 7000,
Exterior Applications- 2000, 3000, 4000, 5000, 8000, 9000, 10000, 11000

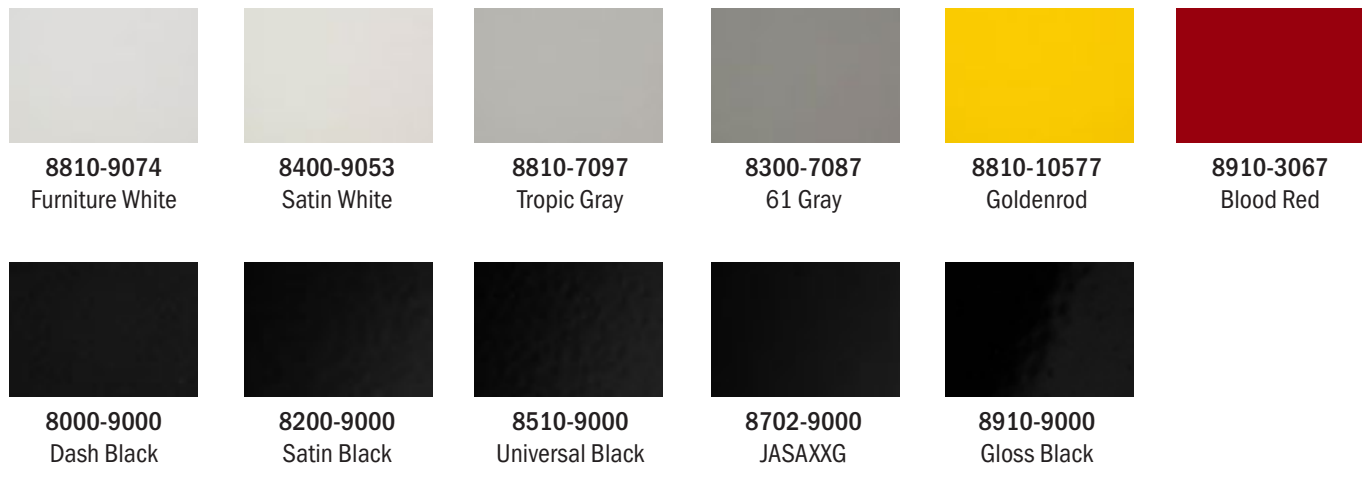
6000 SERIES EPOXY POLYESTER HYBRIDS



7000 SERIES EPOXIES



8000 SERIES URETHANES



Follow us on social media to see how these colors are utilized!

9000 SERIES TGIC POLYESTERS



CLEAR



FAST CURES

WRINKLES, PEELS, TEXTURES



AG & CONSTRUCTION TRU ANODIZE PRIMERS

FEDERAL STANDARDS

ERASE

METALLICS



PRODUCTION FORMULATION

First Number = Resin Type

9801-1000 (example)	7 = Epoxy
0 = Low Cure	8 = Urethane
2 = Acrylic	9 = TGIC
3 = High Temperature	10 = AAMA 2604
4 = Specialty	11 = AAMA 2605
5 = Alt. Cure	
6 = Hybrids	

Second Number = 60° Gloss Reading

9801-1000 (example)	5 = 50-59
0 = 0-9	6 = 60-69
1 = 10-19	7 = 70-79
2 = 20-29	8 = 80-89
3 = 30-39	9 = 90+
4 = 40-49	

Third Number = Cure Response

9801-1000 (example)	Time at metal temp for full cure
0 = 12 min. @ 400° F	5 = 10 min. @ 300° F
1 = 10 min. @ 400° F	6 = 10 min. @ 275° F
2 = 10 min. @ 375° F	7 = 10 min. @ 250° F
3 = 10 min. @ 350° F	8 = Fast Cure - See TDS for recommended cure
4 = 10 min. @ 325° F	

Fourth Number = Surface Appearance

9801-1000 (example)	
0 = Smooth	4 = Vein
1 = Metallic	5 = Hammertone
2 = Sand	6 = Multi-Color
3 = Orange Peel	7 = Wrinkle

Last Series Corresponds to RAL Color System

9801-1000 (example)	
0 = Clears & Metallics	5 = Blues
1 = Yellows & Beiges	6 = Greens
2 = Oranges	7 = Grays
3 = Reds	8 = Browns
4 = Violets	9 = Blacks and Whites

Clear Coat and Fill Quantities

- = Clear Coat Recommended for Maximum Durability
- = 45 lb Fill Quantity
- ▲ = 25 lb Fill Quantity

Shipped in 55 lb Boxes Unless Otherwise Noted

To Order Call: 800.533.9067, 229.937.5411
For More Information & SDS/TDS Visit www.tci powder.com

