TCI Stock Color Card

2021 Edition

TCI Product Series

1000 Series- Low Cure

- Formulated for heat sensitive substrates such as MDF, FRP, SMC, etc.
- Minimal substrate preheat is required for good application and film build properties
- Cure range of 240°– 270°F
- Excellent physical and chemical resistant properties, not recommended for exterior applications

2000 Series- Acrylic

- Formulated for highly decorative applications requiring superior smoothness and exterior durability
- Excellent hardness, chemical resistance, and overbake stability
- Broad formulating range and can be used for interior or exterior applications
- Ideally suited for automotive parts, appliances, recreational equipment and hardware

3000 Series- High Temperature

- Formulated with heat resistant silicon resin chemistry
- Excellent adhesion, color, and gloss retention in elevated temperature applications
- Formulated to withstand continuous and intermittent service at elevated temperatures on ferrous and non-ferrous substrates
- Ideally suited for barbecue grills, smokers, boilers, pressure tanks, & motor housings

4000 Series- Specialty

- Developed with TCI's proprietary resin technology
- Provides a broad formulating range for decorative or functional applications that are custom formulated to our customers specifications
- Engineered to meet demanding application and performance requirements when conventional technology will not work
- Ideal applications include pultrusion, SMC, and other ferrous and non-ferrous substrates

5000 Series- HAA (TGIC-Free)

- Formulated to meet many decorative requirements for gloss, smoothness, color and weather-ability
- Can provide solutions where TGIC containing polyester or urethane polyesters are not permitted
- Excellent transfer efficiency and reclaim properties, not suited for high film build applications
- Ideal applications include interior/exterior furniture, lawn & garden, appliances, machinery, sports and playground & park equipment

6000 Series- Hybrid

- Has a good balance of physical properties, smoothness and gloss ranges
- Has excellent application characteristics that allow for lower film thickness when required
- Best suited for interior application and delivers excellent flexibility, abrasion and mar resistance
- Typical uses include automotive (functional), exercise equipment, power tools, office furniture, shelving and display racks

7000 Series- Epoxy

- 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
- Excellent physical properties such as hardness and flexibility
- Typical uses include automotive underbody, corrosion/chemical resistant primers, interior lighting, shelving/racking, and material handling equipment

8000 Series- Urethane

- Can meet many decorative requirements for gloss, smoothness, color, and weather-ability
- Formulated for use in interior and exterior thin film applications
- Provides excellent film properties such as hardness, adhesion, flexibility, chemical and corrosion resistance
- Typical applications include lighting fixtures, automotive trim, interior auto components, home appliances, and interior/exterior furniture

9000 Series- TGIC Polyester

- Are considered the workhorse of the industry with the broadest formulating range for color, gloss, and finish
- Can be used in interior or exterior applications
- Provides excellent flexibility, impact resistance, overbake stability, and application properties
- Typical uses include aluminum extrusions, building products, exercise & playground equipment, HVAC, lawn & garden, light fixtures, heavy duty machinery & equipment

10000 Series- Super Durable TGIC

- Formulated using high performance resins and pigments to meet the demand requirements of specifications such as AAMA 2604 & Qualicoat Class 2
- Available in a wide selection of colors and gloss levels
- Designed for exterior applications, provides excellent film and performance properties against UV degradation, corrosion resistance, impact and flexibility
- Applications may include windows, doors, storefronts, playground equipment, cladding components, park furniture, fences and railings, light fixtures & poles, and metal roofing

11000 Series- Fluoropolymer

- Formulated to meet AAMA 2605 & Qualicoat Class 3 specifications using fluoropolymer resin chemistry, products in this series have the highest exterior durability in the industry
- Has superior gloss and color retention and come in a variety of gloss levels and colors
- Proper pretreatment of the substrate is critical to ensure product performance
- Ideally suited for curtain wall, window, storefront, building panels & siding, and metal roofing

Coverage Chart

*In square feet per pound at 100% efficiency (ASTM D3451)

Specific Gravity	Film Thickness								
	1.0 mils	1.5 mils	2.0 mils	2.5 mils	3.0 mils	3.5 mils	4.0 mils	4.5 mils	5.0 mils
1.0	192.3	128.2	96.2	76.9	64.1	54.9	48.1	42.7	38.5
1.05	183.1	122.1	91.6	73.3	62.0	52.3	45.8	40.7	36.6
1.10	174.8	116.5	87.4	69.9	58.3	49.9	43.7	38.8	35.0
1.15	167.2	111.5	83.6	66.9	55.7	47.8	41.8	37.2	33.4
1.20	160.3	106.8	80.1	64.1	53.4	45.8	40.1	35.6	32.1
1.25	153.8	102.6	76.9	61.5	51.3	44.0	38.5	34.2	30.8
1.30	147.9	98.6	74.0	59.2	49.3	42.3	37.0	32.9	29.6
1.35	142.4	95.0	71.2	57.0	47.5	40.7	35.6	31.7	28.5
1.40	137.4	91.6	68.7	54.9	45.8	39.2	34.3	30.5	27.5
1.45	132.6	88.4	66.3	53.0	44.2	37.9	33.2	29.5	26.5
1.50	128.2	85.5	64.1	51.3	42.7	36.6	32.1	28.5	25.6
1.55	124.1	82.7	62.0	46.9	41.4	35.4	31.0	27.6	24.8
1.60	120.2	80.1	60.1	48.1	40.1	34.3	30.0	26.7	24.0
1.65	116.5	77.7	58.3	46.6	38.8	33.3	29.1	25.9	23.3
1.70	113.1	75.4	56.6	45.2	37.7	34.3	28.3	25.1	22.6
1.75	109.9	73.3	54.9	44.0	36.6	31.4	27.5	24.4	22.0
1.80	106.8	71.2	53.4	42.7	35.6	30.5	26.7	23.7	21.4
1.85	103.9	69.3	52.0	41.6	34.6	29.7	26.0	23.1	20.8
1.90	101.2	67.5	50.6	40.5	33.7	28.9	25.3	22.5	20.2
1.95	98.6	65.7	49.3	39.4	32.9	28.2	24.7	21.9	19.7
2.00	96.2	64.1	48.1	38.5	32.1	27.5	24.0	21.4	19.2

Stocked 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 & Qualicoat specifications, as well as 150+ Super Durable Polyester RAL colors.

TCI has developed innovative technology platforms that offer our customers a complete range of powder coating options designed to give them the performance, quality, and value they have come to know with TCI. Our product portfolio is perfectly suited for those customers & markets that require a durable yet beautiful powder coating finish.

TCI's product lines include TruBond Bonded Metallic Coatings, TruZinc Primer Coatings, TruHammer Hammertone Coatings, TruErase White Board Coatings, TruClean ST Antimicrobial Coatings, TruPeel Orange Peel Coatings, as well as TruDurance and TruAnodize Architectural Powder Coatings.

Visit TCI's Online Color Selector to get a digital view of our portfolio of colors. Select the color, environment, and finish to find the perfect product for your needs.

https://tcipowder.com/resources/color-selector/

*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
Hardness	E	E	G	VG-E	VG	VG	E	G	VG	VG
Flexibility	E	P	G	VG	E	E	E	E	E	E
Overbake Stability	P	E	E	VG	E	VG	P	G	E	VG
Exterior Durability	P-E	P-E	P-E	P-E	E	P	P	E	E	S
Corrosion Protection	E	VG	G	E	VG	VG	E	VG	E	E
Chemical Resistance	E	E	G	VG	VG	VG	E	G	VG	VG
Application Properties	VG	G	G	VG	E	E	E	G	E	VG

P=Poor   G=Good   VG=Very Good   E=Excellent   S=Superior (AAMA 2604)   HP=Highest Performance (AAMA 2605)
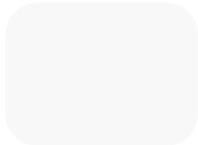
Interior Applications- 1000, 2000, 3000, 4000, 6000, 7000
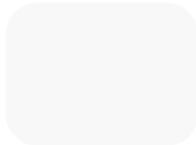Exterior Applications- 2000, 3000, 4000, 5000, 8000, 9000, 10000, 11000

TCI

WHERE YOUR WORLD MATTERS

Interior Application Only

6920-9031 Arctic White	**6920-91067** Universal White	**6720-90335** Oyster White
6920-1229 Piedmont Almond	**6820-1147-1** Brite Yellow II	**6820-3063** Fire Red

6820-3044 Winchester Red	**6820-2004** RAL-2004 Pure Orange	**6820-5061** Cobalt Blue
6550-71817 Lowes Grey 300 II	**6530-73179** ⭐ Walmart Grey II	**6210-9866** Northstar Black

6420-9540 45 Black	**6920-9000** Channel Black	**6032-9000** Black Tex
6223-9000 Black Peel	**7930-93288** NSF 61 White	**7820-71737** Mil Spec 32348

7820-12396 Beige Primer OGF	**7760-3931** LC Red Oxide Primer	**7010-71529** SAM Primer Gray
7520-70138 Zinc Rich Primer	**7010-9000** Flat Black	**7010-9236** JA6AXXJ Flat Black

7110-9000 10 Black	**7210-9000** Trans Black	**7420-90147** 40 Black Epoxy
7830-9000 Auto Chassis Black	**7334-0060** Copper Vein	**7334-0065** Silver Vein

TGIC-free options are available for 9000 & 10000 series products

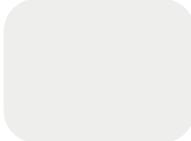All products can be formulated with TruClean ST antimicrobial technology

This color card is for reference only and slight variations between colors shown here and the actual product may exist

Products are updated periodically, please check with your Account Manager or Customer Service to confirm availability

If you are looking for more colors please see our RAL deck featuring 150+ different stock products:
tcipowder.com/products/color-cards/ral-deck/

STOCK COLOR CARD - 2021 EDITION

Exterior or Interior Application

8800-92213 Crystal Eraser White	**8810-9074** Furniture White	**8400-9053** Satin White
8010-10828-1 Fed Std 33446	**8010-60063** Fed Std 34094	**8810-6058** Forest Green

8510-7833 HH Grey Primer	**8300-7087** 61 Grey	**8000-9000** Dash Black
8200-9000 Satin Black	**8210-91232** HH Black Primer	**8510-9000** Universal Black

8702-9000 JASAXXG	**8910-9000** Gloss Black	**8017-91612** DF Black Wrinkle III
8016-10444M Speckled Pearl	**8016-8358M** Bronze Age III	**8016-8799M** Speckled Oak
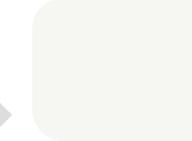
8103-8675M Textured Copper	**8006-9982M** Grey Speckle	**8016-8939M-1** Cappuccino II
8212-01185 Stainless Steel Tex III	**8112-0889** Kessler Silver	**9910-9035** Crystal White
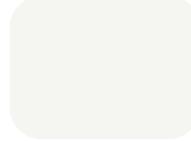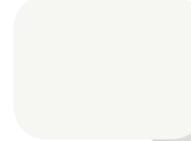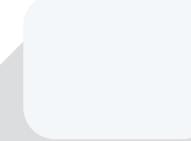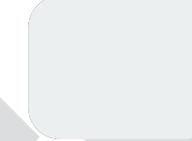
9910-92739 Magnolia White	**9910-9897** ★ Sky White II	**9910-93357** TruClean ST Sky White
9610-9021 Pompano White	**9910-9741** Brite White	**9810-1048** Sandlewood
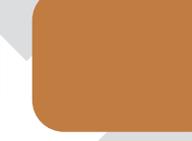
9810-1049 Mesa Tan	**9920-13504** NH Bright Yellow	**9810-1070** Golden Yellow
9810-1268 Safety Yellow	**9910-10503** SD Cat Yellow	**9920-12085** CNH Power Tan

9810-2113-1 Sonny Orange III	**9910-2352** October Orange	**9920-30794** AG Red
9910-3921 Chili Pepper	**9940-30293** FC SD Red Baron	**9810-3042** Ruby Red

Exterior or Interior Application

9910-5067 Azure Blue	**9910-5054** Ocean Blue	**9920-51087** CNH NH Blue
9840-60728 FC SD JD AG Green	**9810-6046** Ivy Green	**9510-62204** SD Padmount Green
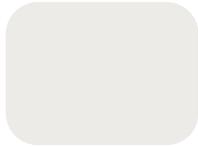
9930-74267 ⭐ Amazon Grey 7035	**9810-7042** Elec. Grey/ASA 70	**9510-70039** Super Grey 61
9610-7040 Storm Grey	**9530-70200** HPC 61 Grey	**9820-7146** Accuride Grey
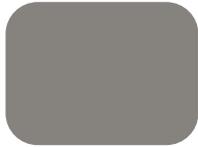
9610-71307 ANSI Grey 49 Poly	**9920-72188** CNH CE Gray	**9910-8036** Dark Sienna
9030-90922 SD Flat Black	**9210-93353** Spencer Black	**9210-90663** SD Cat Black
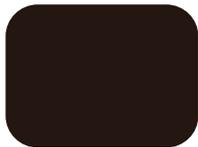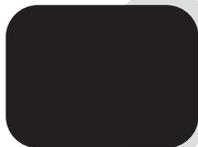
9310-90278-2 ⭐ Satin Poly Black	**9350-91411** Fast Cure Matte Black	**9350-91614** FC SD JD Black
9420-91835 CNH Black	**9510-91039** SD Mineral Black	**9510-91410** ⭐ Lava Black

9510-93146 Batman Black	**9710-9000** ⭐ Cargo Black	**9910-9000** ⭐ Shuttle Black
9910-9845 ⭐ SD Accuride Black II	**9920-72190** CNH Dark Grey	**9930-92357** LC SD Novae Black II
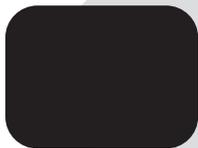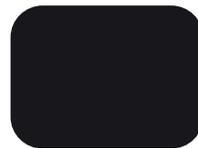
9016-80072M Pompeian Gold II	**9016-8630M** Copper Tex III	**9116-80184M** Old Bronze
9316-8644M-2 Java II	**9416-9503M** Luna	**9333-91262** Sky White Peel

9122-90909 Sky White Tex	**9313-9062** Poly White Peel	**9122-71158** Poly RAL 7035 Tex
9411-01414-1 Satin Nickel II	**9811-0110** 🟢 Wheel Silver	**9811-0110-1** Bonded Old Wheel Silver

9911-01007-1 🟢 Bonded Chrome TGIC	**9611-01333** Stainless Steel 2.5	**9711-0259** 🟢🟦 Bright Argent
9811-0540 🟢🟦 Stardust Silver II	**9511-01405** 🟢🟦 Anodized Aluminum	**9012-0050** Silver Tex

Exterior or Interior Application

9415-71531 SAM Grey Hammer	**9211-01410** SD Oil Rubbed Bronze	**9411-01409** SD 40 Bronze	**9811-01408** SD Starlight Black	**9012-9000** ⭐ Tex Black	**9042-90137** LC Black Tex
9243-91713 LC Poly Black Peel	**9313-9000** Poly Black Peel	**9114-0346** Poly Silver Vein	**9114-0608** Weather Vein	**9611-01069** SD Statuary Bronze	**10511-0997** AAMA 2604 Bronze
10310-91095 AAMA 2604 Bone White	**10310-71747** AAMA 2604 RAL 7038	**10310-71751** AAMA 2604 RAL 7045	**10310-82177** AAMA 2604 New Dark Bronze	**10410-92435** AAMA 2604 Matte Black	**10620-92153A** AAMA 2604 Satin Black
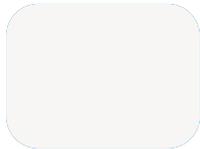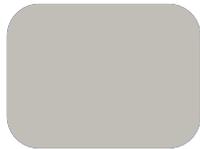
CLEARS

9030-01311 ■ SD 10 Clear	**9520-02635** ■ SD 50 Clear	**9710-01307** ■ SD 70 Clear	**9910-081025** ■ SD 90 Clear	**9910-0000** ■ 90 Clear

PRODUCT FORMULA LEGEND

First Number = Resin Type , **9**801-1000 (example)

1 = Low Cure
2 = Acrylic
3 = High Temperature
4 = Specialty
5 = HAA (TGIC-Free)
6 = Hybrids
7 = Epoxy
8 = Urethane
9 = TGIC Polyester
10 = Super Durable TGIC
11 = Fluoropolymer

Second Number = 60° Gloss Reading, 9**8**01-1000 (example)

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

Third Number = Cure Response, 98**0**1-1000 (example)

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

Fourth Number = Surface Appearance, 980**1**-1000 (example)

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

Fifth Series = RAL Color System, 9801-**1**000 (example)

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

Clear Coat , Fill Quantities, and Other Variations

🟢 = Clear Coat Recommended for Maximum Durability
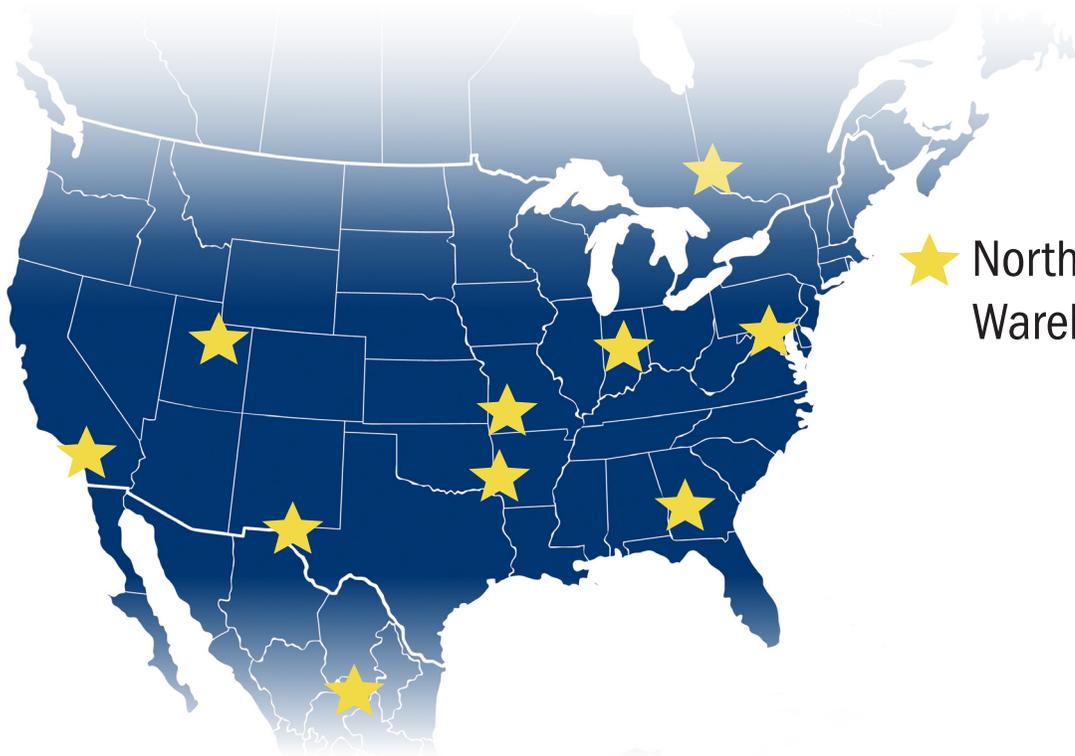■ = 45 lb Fill Quantity
⭐ = Alternative Resin and Cure Options Available

Shipped in 55 lb boxes unless otherwise noted

⭐ North American
Warehouse Locations

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.

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 124 manufacturing facilities and employs approximately 14,600 people worldwide.

pci MEMBER
www.powdercoating.org

NSF

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