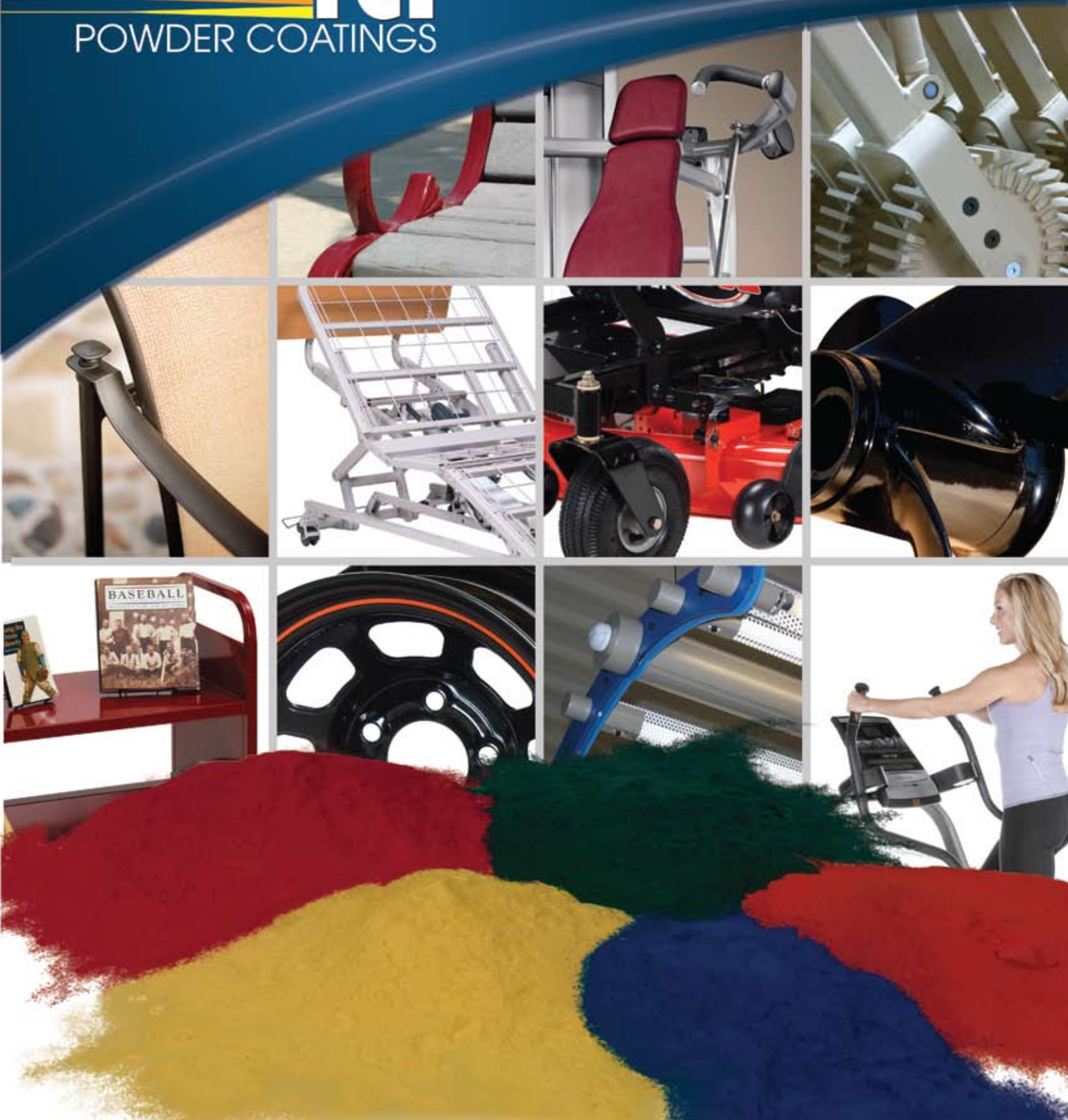


# TCI

POWDER COATINGS



# Select The Right Product

**Interior Applications-1000, 2000, 3000, 4000, 6000, 7000**

**Exterior Applications-2000, 3000, 4000, 5000, 8000, 9000, 10000, 11000**

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	No	P-E	P-E	P-E	E	No	No	E	E	S	HP
Corrosion Protection	E	VG	G	E	VG	VG	E	VG	VG	E	E
Chemical Resistance	E	E	G	VG	VG	VG	E	G	VG	VG	VG
Application Properties	VG	G	G	VG	VG	E	VG	G	E	VG	VG
P=Poor    G=Good    VG=Very Good    E=Excellent    S=Superior (AAMA 2604)    HP=Highest Performance (AAMA 2605)											

## THE FIRST NUMBER IS THE RESIN TYPE

1=Low Cure      7=Epoxy  
 2=Acrylic        8=Urethane  
 3=High Temperature    9=TGIC  
 4=Specialty      10=AAMA 2604  
 5=Alt. Cure      11=AAMA 2605  
 6=Hybrids

### EXAMPLE

**9801/1000**

## THE SECOND NUMBER IS THE 60° GLOSS READING

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

### EXAMPLE

**9801/1000**

## THE THIRD NUMBER IS THE CURE RESPONSE

(Time at metal temperature for full cure)  
 0=12 min. @ 400°F    4=10 min. @ 325°F  
 1=10 min. @ 400°F    5=10 min. @ 300°F  
 2=10 min. @ 375°F    6=10 min. @ 275°F  
 3=10 min. @ 350°F    7=10 min. @ 250°F

### EXAMPLE

**9801/1000**

## THE FOURTH NUMBER IS THE SURFACE APPEARANCE

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

### EXAMPLE

**9801/1000**

## THE LAST SERIES CORRESPONDS TO THE RAL COLOR SYSTEM

0000=Clears & Metallics    5000=Blues  
 1000=Yellows & Beiges    6000=Greens  
 2000=Oranges              7000=Greys  
 3000=Reds                  8000=Browns  
 4000=Violets                9000=Blacks & Whites

### EXAMPLE

**9801/1000**

# Other Stock Programs Available



**Super Durable, RAL Colors**



**Architectural Coatings**



**Metallic Effects**

# And The Right Formulation

**1000 Series Low Cure Systems** are formulated for heat sensitive substrates. Products are typically formulated to cure at 250°F. Lower temperatures are possible. Powder can be applied with or without minimal substrate preheating. Products in this series will rapidly lose gloss and chalk on exterior exposure and are best suited for interior application. These products feature excellent physical and chemical resistance properties. Typical uses include: medium density fiberboard (MDF), fiber reinforced plastic (FRP), and sheet molding compounds (SMC). Each customer's substrate and application technology must be evaluated before ordering powder.

**2000 Series Acrylic Systems** have a broad formulating range and can meet many decorative application requirements. Products in this series can have increased hardness, chemical resistance, overbake resistance, and weatherability when compared to standard systems. Products can be formulated for interior and exterior applications. Contact a TCI sales representative or TCI chemist to determine suitability of this technology.

**3000 Series High Temperature Systems** are formulated to provide coating stability in elevated temperature applications. Products can be formulated 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** have a broad formulating range and are utilized to meet unusually demanding requirements of decorative and functional applications. This series is recommended when conventional formulas will not meet a customer's performance specifications. Contact a TCI chemist to initiate a product design for demanding applications.

**5000 Series Alternative Cure Polyester Systems** can provide solutions where TGIC or urethane polyesters are not approved. Products in this series can be formulated to meet many decorative requirements for gloss, smoothness, color, and weatherability. Typical uses include: interior and exterior furniture, sports equipment, and machinery.

**6000 Series Epoxy/Polyester Hybrid Systems** have a broad formulating range and can meet many decorative and functional application requirements. Products in this series will rapidly lose gloss and chalk when exposed to sunlight and are best suited for interior applications. This series has a good balance of physical properties and excellent application characteristics. Typical uses include: automotive accessories, exercise equipment, power tools, and display racks.

**7000 Series Epoxy Systems** have a broad formulating range and can meet many decorative and functional application requirements. Products in this series will rapidly lose gloss and chalk when exposed to sunlight and are best suited for interior applications. Epoxy systems can be formulated to have excellent chemical resistance and physical properties. Typical uses include: automotive underbody, corrosion resistant primers, and material handling components.

**8000 Series Urethane Systems** have a broad formulating range and can meet many decorative requirements for gloss, smoothness, color, and weatherability. Products in this series can be formulated for use in interior and exterior thin film applications. Most products in this series are not suitable for high film build. Typical uses include: lighting fixtures, automotive trim, interior automotive components, and interior and exterior furniture.

**9000 Series TGIC Polyester Systems** have a broad formulating range and can meet many decorative and functional requirements for gloss, physical properties, chemical resistance, color, and weatherability. Products in this series can be used in thick film applications. Typical uses include: aluminum extrusions, playground equipment, agricultural equipment, and machinery.






















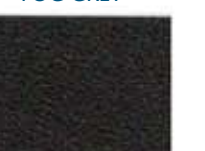

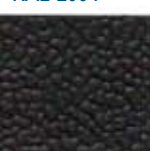


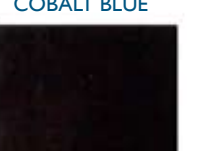
**10000 Series Superior Exterior Performance TGIC Polyester Systems** are formulated to meet the requirements of the AAMA 2604 specification. Products in this series are available in a medium gloss range and a wide selection of colors. Proper chrome or non-chrome pretreatment is critical to insure products will meet the 2604 specification.

**11000 Series Highest Exterior Performance Organic Systems** are formulated to meet the requirements of the AAMA 2605 specification. Products in this series have a medium gloss range and are available in a wide selection of colors. Proper amorphous chromium phosphate or amorphous chromate pretreatment is critical to insure products will meet the 2605 specification.





# Series 6000 Epoxy Polyester Hybrids

					
6920-9031 ARCTIC WHITE	6323-9037 WHITE PEEL	6920-91067 UNIVERSAL WHITE	6820-9189 CABINET WHITE	6232-9044 WHITETEX	6820-1065 ANTIQUÉ WHITE
					
6720-90335 OYSTER WHITE	6720-9262 CABINET BEIGE	6820-1060 ALMOND	6132-1056 ALMOND TEX	6920-1229 PIEDMONT ALMOND	6720-1062 CHAMPAGNE
					
6550-71817 LOWES GREY 300 II	6820-7059 CIRCUIT GREY	6620-7530 RAL 7040 GREY	6132-7047 FOG GREY	6820-1147 BRITE YELLOW	6820-2004 RAL-2004
					
6820-3063 FIRE RED	6820-3044 WINCHESTER RED	6820-5061 COBALT BLUE	6032-9000 BLACK TEX	6210-9866 NORTHSTAR BLACK	6223-9000 BLACK PEEL
					
6420-9540 45 BLACK	6920-9000 CHANNEL BLACK	6730-9000 RAPID BLACK			

# Series 7000 Epoxies

					
7334-0050 GOLD VEIN	7334-0060 COPPER VEIN	7334-0065 SILVER VEIN	7010-9236 JA6AXXJ FLAT BLACK	7010-9000 FLAT BLACK	7027-90326 EPOXY BLACK WRINKLE
					
7110-9000 10 BLACK	7210-9000 TRANS BLACK	7420-90147 40 BLACK EPOXY	7830-9000 AUTO CHASSIS BLACK		

*Variations between colors shown here and actual product will exist. Contact TCI for actual samples.*

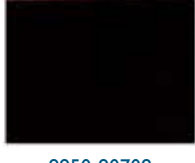
# Series 8000 Urethanes

					
8910-91065 CONTINENTAL WHITE	8910-9773 ANTI-GRAFFITI WHITE	8810-9074 FURNITURE WHITE	8400-9053 SATIN WHITE	8810-7097 TROPIC GREY	8300-7087 61 GREY
					
8810-10577 GOLDENROD	8810-6058 FOREST GREEN	8016-8855M SPECKLED BRONZE	8000-9000 DASH BLACK	8017-91612 DF BLACK WRINKLE III	8200-9000 SATIN BLACK
					
8510-9000 UNIVERSAL BLACK	8702-9000 JASAXXG	8910-9000 GLOSS BLACK			

## Primers

	
7030-10571-I BEIGE PRIMER II	7010-71529 SAM PRIMER GRAY
	
7520-70138 ZINC RICH PRIMER	7820-71737 EPOXY PRIMER MIL SPEC 53022
	
8510-7833 HH GREY PRIMER	7760-3931 LC RED OXIDE PRIMER
	
8210-91232 HH BLACK PRIMER	

## Fast Cures





	
9950-9035 FC CRYSTAL WHITE	9950-9897 FC SKY WHITE II
	
6550-9000 FC 50 BLACK	6950-9000 FC CHANNEL BLACK
	
9540-91709 FC LAVA BLACK II	9550-9000 FC SD LAVA BLACK
	
9950-9000 FC SHUTTLE BLACK	9950-90708 FC SD ACCURIDE BLACK II

*Variations between colors shown here and actual product will exist. Contact TCI for actual samples.*

# Series 9000 TGIC Polyesters

					
9910-9035 CRYSTAL WHITE	9910-9897 SKY WHITE II	9910-9741 BRITE WHITE	9610-9021 POMPANO WHITE	9313-9062 POLY WHITE PEEL	9910-1045 PASTA
					
9416-9503M LUNA	9810-1048 SANDLEWOOD	9810-1049 MESA TAN	9810-7042 ELEC. GREY/ ASA 70	9510-70039 SUPER GREY 6I	9610-7040 STORM GREY
					
9530-70200 HPC 6I GREY	9810-1070 GOLDEN YELLOW	9810-2113 SONNY ORANGE II	9910-2352 OCTOBER ORANGE	9810-3042 RUBY RED	9910-3921 CHILI PEPPER
					
9810-6046 IVY GREEN	9910-5067 AZURE BLUE	9810-5413 BAHAMA BLUE POLY	9910-5054 OCEAN BLUE	9910-8036 DARK SIENNA	9002-9324 JA6A TEX POLYESTER
					
9030-90922 SD FLAT BLACK	9012-9000 TEX BLACK	9042-90137 LC BLACK TEX	9310-90160-G SD BLACK POLYESTER	9310-90278 SATIN BLACK POLYESTER	9313-9000 POLY BLACK PEEL
					
9330-90775 LC POLY SATIN BLACK	9510-91410 LAVA BLACK	9710-9000 CARGO BLACK	9740-90637 SUPER SLIP BLACK II	9910-9845 ACCURIDE BLACK II	9910-9000 SHUTTLE BLACK

## Federal Standards

			
7820-71737 EPOXY PRIMER MIL SPEC 53022	8010-10828 FED STND 33446	8010-60063 FED 34094 GREEN	8010-91335 FED STD 37038

9910-9845HF  
HF ACCURIDE BLACK II

*Variations between colors shown here and actual product will exist. Contact TCI for actual samples.*

# Ag and Construction



9910-10503  
SD CAT YELLOW



9350-91614  
FC SD JD BLACK



9840-60728  
FC SD JD AG GREEN



9940-11985  
FC SD JD YELLOW



9940-2463  
FC SD KB ORANGE



9840-11999  
FC SD JD IND  
YELLOW



9940-50951  
FC SD CNH BLUE



9940-30212  
FC SD CNH RED



9210-90663  
SD CAT BLACK

## Safety



SAFETY WHITE  
9840-91739R



SAFETY YELLOW  
9840-11955R



SAFETY ORANGE  
9840-2461R



SAFETY RED  
9840-30200R



SAFETY GREEN  
9840-61295



SAFETY BLUE  
9840-50915R



SAFETY PURPLE  
9840-4540R



SAFETY BLACK  
9910-9000

## AAMA 2604-05



10310-91095  
BONE WHITE AAMA 2604

## Clears

5210-01452  
SD 20 CLEAR

8910-0231  
ANTI-GRAFFITI 90  
CLEAR

9030-01311  
SD 10 CLEAR

9310-01308  
SD 40 CLEAR

9710-01307  
SD 70 CLEAR

9910-0000  
90 CLEAR

9910-01289  
SD 90 CLEAR



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Ellaville, GA 31806 USA  
Phone: 800.533.9067  
Fax: 800.265.0404  
[www.tcipowder.com](http://www.tcipowder.com)



*Variations between colors shown here and actual product will exist. Contact TCI for actual samples.*

## North American Locations



Ellaville, GA  
(Plant and Warehouse)  
Jacksonville, FL  
(Research and Development)

Warehouses  
Baltimore, MD  
El Paso, TX  
Fullerton, CA  
Indianapolis, IN  
Chicago, IL  
Detroit, MI  
Mississauga, Canada  
Akrón, OH  
Monterrey, Mexico  
Nixa, MO  
Paragould, AR  
Phoenix, AZ  
Salt Lake City, UT

### TCI-A Part of RPM

RPM International Inc. is a multi-national holding company with subsidiaries that manufacture and market various specialty chemical product lines including high-quality specialty paints, protective coatings, roofing systems, sealants and adhesives for the maintenance and improvement needs of industrial and consumer markets. Balance is a key factor behind RPM's long-standing success – a balance between its industrial and consumer segments, supported by a diverse product mix primarily focused on maintenance and repair; a balance in its growth strategy, between its internal growth initiatives and a fine-tuned acquisition program; and a growing balance in the geographic markets it serves.

RPM's nearly 50 businesses are balanced between its industrial and consumer units. Industrial products include roofing systems, sealants, corrosion control coatings, flooring coatings, specialty chemicals and recreational marine coatings. Consumer products include various paints, coatings, sealants and adhesives, and are

used by professionals and do-it-yourselfers for home maintenance and improvement, automotive repair and maintenance, and by hobbyists. Together they represent a diverse portfolio of more than 800 distinct name-brand products that sell to a wide variety of end-use markets helping to smooth the ebbs and flows of economic cycles. As a part of RPM, TCI benefits from this marketing balance providing stability for the long term.



**TREMCO**

**PLASITE**

**KOP-COAT**

**PETTIT**  
marine paint

**dryvit**

**VALTECT**

**karochemie**

**DayGlo**

**RUST-OLEUM**

**TESTORS**

**TREMCLAD**

**MATHYS**  
Paints Waterproofing

**ZINSSER**

**CHEMSPEC**

**WATCO**  
MILCO

**REPUBLIC**  
POWDERED METALS, INC.

**CAYE**

**Flowcrete**

**USL**

**INCRETE**  
SYSTEMS

**Plastic Wood**

**TOR**

**WATCO**

**PARKS**

**Wolman**

**Vandex**

**Fibergrate**

**illbruck**

**LOCK-TILE**

**AD**

**TRIARCH**  
FINE ARCHITECTURAL FINISHES

**INCRETE**  
SYSTEMS

**RADIANTCOLOR**

**DAP**

**NatureSeal**

**mim**  
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**carboline**

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**canam**  
BUILDING ENVELOPE SPECIALISTS INC.

**PROSYTEC**

**COMPACT**  
TECHNOLOGY

**PHENOSEAL**

**OKON**

**CCI**  
Chemical Coatings Inc.