

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.

