



Product Technical Data Sheet

Chameleon Symphony™ Pigments and Effects

Featuring Metallic, Pearlescent, Dynamic Color Effects and Brilliant Pigments

1. PRODUCT DESCRIPTION

A. COMPOSITION

Chameleon Symphony line of pigments and effects are pre-packaged and field blended with Miracote polymeric resin systems:

- Chameleon Special Effects Metallic additives available in Bronze Mystic, Gold Illusion or Pale Gold Evolution.
- Chameleon Special Effects Pearlescent additives available in Pearl Devil Red or Star Silver.
- Chameleon “Flip-Flop” Special Effects Pigments to create color shifting dynamic themes available in Euphoric Fantasy, Aura Spice, Intoxicating Mystery or Radiant Sunrise.
- Chameleon ColorPax-E additive available in Midnight Black, Caribbean Turquoise, Coral Magenta or Electric Blue to be Used only with Star Silver Pearlescent.
- Chameleon Effect Dispersant formula is designed to specifically create additional effects such as simulated blooms, shading, cascades and waves in random arrangements to enhance richness within any applied surface topcoat or sealer.

Chameleon Symphony Pigments and Effects are designed for use with Miracote polymeric resinous systems: CQ Clear Epoxy 100 percent solids epoxy resin and hardener; Mirathane APU 100 clear aliphatic polyester urethane; Glazetop a hybrid poly-urea topcoat system; and HDWB a clear acrylic sealer for lighter traffic areas.

Note: Of the clear polymeric resins listed above, only Miracote CQ Clear Epoxy is pigmentable using Chameleon ColorPax™-E. To create a similar “look” with the other clear polymeric system, place them on top of CQ Clear Epoxy pigmented with ColorPax Standard Colors. (Contact your Distributor or Miracote for ColorPax Standard Colors.)

B. TYPICAL USES

Chameleon Symphony Pigments and Effects are designed for use as a highlight. As with any color, light (refraction, angle, brightness and intensity) combines with the selected Chameleon Symphony motif to create an infinite array of artistic dynamic surfaces.

Chameleon Symphony loaded systems are installed as accents or over entire surface areas commensurate with desired design, effect and available budget.

The Chameleon Symphony offering is designed for use as flooring, countertop finishing or other horizontal surfaces to create one-of-a-kind unique designs to enhance any architectural image.

Chameleon Symphony Pigments and Effects are mixed with available conventional Miracote clear coatings or sealers or with CQ Clear Epoxy pigmented with Chameleon ColorPax-E

They are designed to be placed at manufacturer recommended levels or as desired, to create custom blends. (Contact your Distributor or Miracote for limitations.)

Chameleon Symphony Pigments and Effects can be blended and added to many of Miracote’s clear coatings and sealers creating unlimited designs are possible.

Chameleon Symphony Pigments and Effects are unique fusions of colorants that are influenced by the systems and substrate they are placed upon. Since it is a field creative medium, laboratory samples are difficult to reproduce, always rely on jobsite samples for reproducibility in the field. This is a very important aspect when working with dynamic fusion system creating unique “Chameleon Symphony Look”. The system is sold with confidence that no other system will equal its look.

C. ADVANTAGES AND LIMITATIONS

ADVANTAGES:

1. Used in proven conventional Miracote clear matrix systems without compromise to matrix material’s physical properties.
2. Unlimited variations
3. Easy to use
4. Mixing pigments and effects together up to the aggregate recommended maximum loading affords added flexibility to create desired results.
5. Dynamic in appearance

LIMITATIONS:

1. Requires good measuring and record keeping ensuring predictable results.
2. Loading is flexible up to recommend maximum thus requires careful attention to mixing.
3. Application technique, texture, and dimensional depth required to achieve desired effects can drastically reduce the standard application rate of the binding matrix resin or sealer.
4. Desired results appear to change with light dynamics.
5. For interior use only.

2. TYPICAL PHYSICAL PROPERTIES at 75oF (24oC)

Chameleon Symphony Pigments and Effects are specially formulated to preserve the original properties of the selected Miracote Matrix System. Refer to the Product Information Sheet available for the selected Miracote Matrix binder to determine applicable physical properties.

3. PRODUCT AVAILABILITY

Miracote Products/Systems are available from authorized Miracote Distributors or from Crossfield Products Corp.

4. SKID RESISTANCE & CLEANABILITY

In general the more aggressive the finished surface the greater the coefficient of friction and corresponding skid resistance, the more difficult to clean. The smoother the finished texture the easier the surface is to clean, but there is a loss of skid resistant properties.

5. CLEANING

Cleaning and disinfecting compounds and cleaning techniques can affect the color, gloss, texture and performance of the system. As a precautionary step, Crossfield recommends that the end-user test their cleaning and disinfecting compounds on a sample or on a small, out of the way finished area, utilizing the intended cleaning technique prior to cleaning the entire surface area. If no deleterious effects are observed, the procedure can be continued. If the cleaning and disinfecting compounds or cleaning techniques damage the system, modification of the cleaning material or techniques will be required. Contact your Representative for additional information.

6. SPECIFICATION ASSISTANCE

Consult Crossfield Products Corp. for specification assistance, detailing, etc. This consultation is highly recommended prior to specification.

7. CHEMICAL RESISTANCE

See Crossfield Products Corp's., Chemical Resistance Guidelines for chemical resistance of a product or system, as well as the types of test performed:

- ASTM C868 Standard Test Method for Chemical Resistance of Protective Lining.
- ASTM C267 Standard Test Method for Chemical Resistance of Mortars, Grouts, and Monolithic Surfacing and Polymer Concretes.
- ASTM D1308 Standard Test Method for Effect of Household Chemicals on Clear and Pigmented Organic Finishes
- Crossfield Products Corp. Proprietary Testing

Note: Chemical resistance is a functional test, usually limited to changes in weight or thickness measured in loss or gain and does not evaluate subject aesthetic issues. To determine aesthetic issues, Crossfield recommends testing the products or system in accordance with intended end use.

8. TESTING

The technical data contained herein is the result of tests made in Crossfield's laboratories or in independent laboratories using small scale equipment, following generally accepted trade practices. Although this information is believed to be true and accurate, the use of different equipment for testing under dissimilar conditions or the testing of samples produced under dissimilar conditions may develop substantially different results.

LIMITED WARRANTY

NO WARRANTY SHALL BE EFFECTIVE UNTIL THE TERMS AND CONDITIONS OF SALE SET FORTH IN CROSSFIELD PRODUCTS CORP. INVOICES ARE MET.

Crossfield Products Corp. warrants to the purchaser of its products that such products are free from manufacturing defect. Crossfield does not warrant or guarantee the workmanship performed by any person or firm installing its products. Crossfield's obligation under this warranty is limited solely to the original purchaser and solely to the remedy of replacement in kind of any product which Crossfield sold which may prove defective in manufacture within one year from date of installation, provided said product was stored correctly and installed within the product's shelf life, by the original purchaser and which Crossfield's examination shall disclose to Crossfield's satisfaction to be thus defective.

IN NO EVENT SHALL CROSSFIELD PRODUCTS CORP. BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS EXPRESSLY GIVEN IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE AND ALL OTHER OBLIGATIONS OR LIABILITIES ON CROSSFIELD'S PART, AND WE NEITHER ASSUME NOR AUTHORIZE ANY PERSON OR PERSONS TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH SALE OF A CROSSFIELD PRODUCT. THIS WARRANTY SHALL NOT APPLY TO ANY OF CROSSFIELD'S PRODUCTS, WHICH HAVE BEEN SUBJECT TO ADULTERATION, ALTERATION ABUSE OR MISUSE. CROSSFIELD PRODUCTS CORP. MAKES NO WARRANTY WHATSOEVER IN RESPECT TO ACCESSORIES, PARTS OR MATERIAL NOT SUPPLIED BY CROSSFIELD PRODUCTS CORP., WHICH ARE USED IN CONNECTION WITH ITS PRODUCTS. THE TERM "ORIGINAL PURCHASER" IN THIS WARRANTY MEANS THAT PERSON, CORPORATION OR ENTITY TO WHOM CROSSFIELD PRODUCTS CORP. SOLD ITS PRODUCTS. ANY ACTION TO ENFORCE ANY WARRANTY OR FOR BREACH OF CONTRACT OR ARISING OUT OF ANY CLAIM AGAINST CROSSFIELD PRODUCTS CORP. SHALL BE COMMENCED AND MAINTAINED ONLY IN A COURT OF COMPETENT JURISDICTION IN THE CONTINENTAL UNITED STATES OF AMERICA. THE PURCHASER ACCEPTS THESE TERMS AND CONDITIONS, AND HEREBY EXPRESSLY WAIVES ANY CLAIM TO ADDITIONAL DAMAGES.

CAUTION: ALWAYS KEEP OUT OF THE REACH OF CHILDREN.



MIRACOTE PRODUCT LINE
Crossfield Products Corp.

West Coast Office
3000 E. Harcourt Street
Rancho Dominguez, CA
90221
310-886-9100
310-886-9119 fax

East Coast Office
140 Valley Road
Roselle Park, NJ
07204
908-245-2800
908-245-0659 fax

www.miracote.com