

FX-780

IRIDESS PIGMENT



Technical Data Sheet

Technical Hotline 800.735.0303

PRODUCT NUMBER

FX-780

DESCRIPTION

IRIDESS PIGMENT

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FX-780 Iridess Pigment is packaged in a dry powder form that may be added to midcoats and clearcoats to provide a one-of-a-kind rainbow accent to any basecoat color.

COLOR EFFECTS

FX-780 provides a unique one-of-a-kind accent through the use of a hexagonal holographic flake. Once applied the primary colors of red, yellow, blue and green sparkle and refract as your viewpoint changes in reference to a light source.

**Tech Tip:* MP-120 Series Sealers are the preferred substrate for application of FX Series basecoats.

MIXING RATIO

Iridess FX dry powder may be slowly poured into midcoats to create this unique effect.

Custom Formulas:

Add 5% by volume to unreduced MPB-500 or any Matrix System Clearcoat, then reduce or activate the product according to the specific Technical Data Sheet of the product you are using as a "carrier".

IMPORTANT WARNINGS:

- MX-57 MUST BE USED IN BASECOATS AND MIDCOATS WHEN USING FX-780 IRIDESS FX PRODUCT.
- MIDCOAT MUST BE STRAINED PRIOR TO APPLICATION.
- SPRAY A TEST PANEL BEFORE SPRAYING YOUR PROJECT.

POT LIFE



Product should be used within 2 hours with MX-57.

IRIDESS PIGMENT

APPLICATION



IRIDESS FX IN 1K MIDCOAT CLEAR

See MPB-500 tech sheet for application instructions when using MPB-500 as a "carrier" for Iridess FX. Apply until desired effect has been achieved.

Note: Due to the large particle size of Iridess FX Pigment, apply the number of coats necessary to achieve 2.5 - 3 dry mils of clearcoat for protection of the midcoat resulting in the best performance. This will usually take 3-4 coats to accomplish.

IRIDESS FX IN 2K CLEARCOAT

See the specific Matrix System clearcoat tech sheet you are using as a "carrier" for correct application instructions.



GUN TYPE
SIZE
PSI

HVLP
1.3 - 1.7 mm
8 - 10 psi at Aircap

Conventional
1.3 - 1.7 mm
35 - 45 psi at Gun

NUMBER OF COATS

IMPORTANT! Apply 1-3 coats of 1K midcoat clear, 2K clear, or as many coats of product needed to obtain coverage or desired effect. Excessive coats of product will not increase intensity of effect and may cause problems with excessive film build. Test spray to determine the right number of coats necessary for your desired effect.

TEST SPRAY OUT REQUIRED

IMPORTANT! You must test spray a panel before painting your actual project. This is necessary due to all the variables in the custom painting process. By test spraying you will see your end result before you start painting your project. You can practice on a panel and change your application techniques if necessary so your final paint job looks just like you want it to.

ARTWORK & INTERCOAT CLEAR



DO NOT TAPE DIRECTLY ONTO THE MIDCOAT WHENEVER POSSIBLE! If artwork is planned, apply 1 or 2 medium coats of MPB-500 or Matrix clearcoat to protect the underlying paint layer from mishaps such as tape marks, chemical spills or etc that may damage layers applied at a prior date. In addition, the protective clearcoat is easier to sand imperfections out of and will not require to be re-candied after sanding. See tech sheet for more information on MPB-500 or Matrix clearcoat.

EQUIPMENT CLEANUP



Clean equipment immediately after use with MX-110 Gun Wash or a high quality lacquer thinner.

EXCLUSIVE WARRANTY

There is no warranty on color match, final color, or application of FX products. FX product warranty is exclusively limited to replacement of the FX product only, if and when the product is deemed to be defective by Matrix corporate technical personnel and communicated to the customer in writing. No other contingent liability, labor, or replacement of associated product is covered by this warranty. This is necessary because of the many application variables involved in the custom painting process. FX Custom Finishes are excluded from coverage under the Matrix System warranty program.

CLEARCOAT

Iridess FX must be clearcoated, all Matrix clearcoats may be used over Iridess FX Midcoats.

TECHNICAL DATA

Color:	Various
Mix Ratio:	5% per volume to 1 part MPB-500.
Disposal/Safety:	see MSDS for this product

Manufactured by Matrix System Automotive Finishes.

NOTE: Matrix Systems products are not recommended for use in temperatures below 65°F. Use below these temperatures will effect dry times and performance.

FOR INDUSTRY USE ONLY
Read MSDS Before Use

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions.

The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

SEE MSDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.

Put it to the test!
www.matrixsystem.com