

BRILLIANT FXB PEARLS



Technical Data Sheet

Technical Hotline 800.735.0303

<u>PRODUCT NUMBER</u>	<u>DESCRIPTION</u>
FXB-741	BRILLIANT WHITE
FXB-742	BRILLIANT GOLD
FXB-743	BRILLIANT RED
FXB-744	BRILLIANT VIOLET
FXB-745	BRILLIANT BLUE
FXB-746	BRILLIANT GREEN

DESCRIPTION

FXB Brilliant Pearl series products are packaged in a dry powder form that may be added to basecoats that contain pearls, to ground coats for midcoats or to color blenders such as MPB-500 or MSB-500. The FXB Brilliant Pearl series will give your custom finish that extra eye catching appeal with extra sparkling in your finish in various colors and will allow your finish to stand out from all others. The sparkle effect ranges from dramatic to subtle depending upon the color of the substrate. Medium to dark substrates provide significant sparkle effects while light substrates produce a barely visible effect except at extreme flip and flop angles.

COLOR SHIFT EFFECTS

The most dramatic brilliant sparkle effects are produced by adding the FXB Brilliant pearls to MPB-500 and applying them over a foundation basecoat.

Sparkle effects in basecoats

Using dark color basecoats with FXB Brilliant Pearl effect midcoats

The most dramatic sparkle effects are made by adding FXB Brilliant Pearl to 1K or 2K midcoat clears, spraying them over a black basecoat (typically MPB-9000), and applying clearcoat over the midcoat.

Using light color basecoats with FXB Brilliant Pearl effect midcoats

Light color or white basecoats offer a very subtle sparkle effect that can only be detected at extreme flip and flop angles.

Color shifts effects in basecoats

FXB Brilliant Pearls may be added to basecoats to provide a distinctive sparkle effect. Test spray at varying levels of FXB Brilliant Pearls in the basecoat to develop the exact level of sparkle that you want.

MIXING RATIO

FXB Brilliant Pearls may be slowly poured into basecoats or midcoats to create a variety of effects. FXB Brilliant Pearls may be mixed together for more custom effects.

Custom Formulas:

Adding 15 grams per quart of FXB Brilliant Pearl is recommended with a maximum of 30 grams of FXB Brilliant Pearl in unreduced MPB-500. Then reduce this MPB-500 blend 1:1 with Matrix reducers.

IMPORTANT WARNINGS:

- MX-57 MUST BE USED IN BASECOATS WHEN USING FXB BRILLIANT PEARL PRODUCTS.
- 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.

APPLICATION



FXB BRILLIANT PEARL IN BASECOATS

See MPB or MPX basecoat tech sheets for application instructions when using FXB Brilliant Pearl in basecoats or under midcoats. Always use MX-57 Basecoat Activator when using FXB Brilliant Pearl.

FXB BRILLIANT PEARL IN 1K MIDCOAT CLEAR

See MPB-500 tech sheet for application instructions when using FXB Brilliant Pearl in MPB-500.

FXB BRILLIANT PEARL IN 2K CLEARCOAT

See Matrix clearcoat tech sheet for application instructions when using FXB Brilliant Pearl in Matrix clearcoats.

NUMBER OF COATS

IMPORTANT! Apply 1-3 coats of 1K midcoat clear, 2K clear, or as many coats of basecoat needed to obtain coverage, mixed with a maximum of 30 grams of FXB Brilliant Pearl per quart for maximum effect. Additional coats 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.

EXCLUSIVE WARRANTY

There is no warranty on color match, final color, or application of FXB products. FXB product warranty is exclusively limited to replacement of the FXB 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. FXB Custom Finishes are excluded from coverage under the Matrix System warranty program.

TECHNICAL DATA

Color:

FXB-741	Brilliant White
FXB-742	Brilliant Gold
FXB-743	Brilliant Red
FXB-744	Brilliant Violet
FXB-745	Brilliant Blue
FXB-746	Brilliant Green

VOC: All FXB Brilliant Pearls have zero pounds per gallon or zero grams per liter Regulatory and Material (Actual) VOC.

Disposal/Safety: See MSDS for this product

Manufactured by Matrix System Automotive Finishes.

NOTE: Matrix System 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.

FXB BRILLIANT PEARLS

Put it to the test!

www.matrixsystem.com