

CRYSTAL GLAZE

TEST TILES

TILE 1



TILE 2



SUPPLIES

Form

MHE020 15cm Tile x 2

Colour

SC-15 Tuxedo
FN-001 White Foundation
CG-753 Sassy Orange
CG-963 Lemon Lime

Decorating Accessories

RB-144 #4 Soft Fan
RB-106 #6 Liner

s

g & Water

based felt tip pen.

g

g Roll

arbon Paper

PREPARATION

Shake the crystal glazes. Mayco crystal glazes have a lot of crystal chunks, but they will be in the bottom of a new jar. Use a brush handle to reach the bottom and mix well into the glaze.

(If you want a lot of crystals in your project mix top 2/3 of jar first and tip off a little jar into a clean container. Then mix crystals into the glaze left in jar for the project. You can later add the top glaze back to the jar).

INSTRUCTIONS

1. Begin with a properly fired shelf cone 04 Bisque. Moisten a clean sponge and wipe bisque to remove dust.

Tile 1

2. Using a Soft Fan Brush apply 3 coats of FN-001 White Foundation to the front of the tile.
3. When coat 3 has lost its wet shiny look but is not completely dry, place paper Tulip pattern on tile and trace pattern with pencil.
4. Using RB-106 Liner brush with SC-15 Tuxedo boldly paint the black lines.
5. Using the RB-106 Liner Brush fully loaded with CG-963 Lemon Lime apply 2 coats to the area around the tulip. Leave the outline around tulip unpainted but cover the outline around this area, so you can compare how Lemon Lime glaze looks when fired over SC015 Tuxedo.

- Using the RB-106 Liner Brush fully loaded with CG-753 Sassy Orange apply 2 coats to the tulip. Leave a clean outline around tulip so you have a clean black contrast outline. You will cover the detail inside the tulip so you will see how opaque this glaze is.

Tile 2

- Place clay carbon and trace the butterfly pattern onto the second tile.
- Using RB-106 Liner Brush apply 2 coats of Lemon Lime to the outer area of the Butterfly wings, and with RB-144 Soft Fan Brush 2 coats to the outer background.
- Now with RB-106 Liner Brush apply 2 coats of CG-753 Sassy Orange to inner area of wing. Allow to dry.
- Pour some FN-1 White Foundation onto a tile, apply 2 coats using RB-144 Soft Fan Brush to butterfly and border. Leave background area of CG-963 unpainted but cover butterfly design and border. Allow to dry.
- Using SC-15 Tuxedo paint butterfly body. Add antennae, outline and detail in a bold manner.
- Fire to cone 06. No additional glaze is required, all products used are glazed based.

Special Note: Crystal glazes are a speciality glaze which when fired have surface imperfections that could harbour bacteria, so this technique is not suitable for a dinnerware safe item.

- ❖ When fired the background on tile 2 will mostly lightly craze, this is due to the difference in thickness of glaze caused by the crystals melting. The crystal glaze under the Foundation will probably not craze but may have surface issues such as small pinholes.
- ❖ On Tile 1 where the crystal glaze has been used over a foundation glaze as a design accent the imperfections are less noticeable. This finish is more suited to a piece you might use and need to wash.
- ❖ Crystal Glaze when used in a 2 or 3 coat application by itself can craze and in some cases cause stress to the piece and crack the pottery. A shape close to a sphere is more likely to cope with the stress.
- ❖ If you want to use Crystal Glaze on a vase, we recommend using a foundation Glaze on the inside and outside of the piece first, then using the Crystal glaze as a design accent in 1 or 2 coat application.
- ❖ Often 1 coat with a large brush is enough, but when using a smaller brush, we tend to brush the paint out a little more, hence 2 coats recommended.



- ❖ Crystals glazes react differently with other glazes. Some glazes are a sheer or transparent base, others are opaque. Some crystals are opaque, others sheer. The combinations are exciting and endless! We recommend a test tile before embarking on bigger project.
- ❖ On vertical surface step the crystal back 1cm on last coat application.

A Jane Stenning Project