



Using FX 90 Mosaic Frit as a Design Element



'Summer', Raphael Schnepf's fused 10 inch plate, uses Uroboros FX 90 Mosaic (F7) sized frit to achieve a watercolor-like effect.

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Overview of this project

Uroboros Mosaic size frit is big! With pieces from 0.3" – 0.6" in size, Mosaic (F7) frit is the largest that we make and is a Uroboros exclusive. Use it to compose with, piece by piece, just like making a mosaic.

All of the leaf and background areas of this project by artist Raphael Schnepf were constructed using Mosaic frit.



Step 1

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Step #1 A pencil drawing sets the stage

The drawing establishes the scale and composition of the project. It also provides the pattern you'll use once you start cutting and arranging the glass.



Step 2

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Step #2 Choose the tree base color

The tree branches are cut out of a warm amber color of sheet glass according to the pattern.

One could also choose other glasses for other tree types, such as white with strong black or dark brown streaks for birch bark.

Chocolate/White 60-5105-90
 Black/White 60-5615-90

Branches:
 60-905-90 FX 90: Root Beer



Step 3

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Step #3 Experiment with leaf colors

A single 10" (25.4cm) circle of standard thickness (3mm) clear is used as the base. Place the branch pieces on the clear circle over the pattern, then start adding leaves.

Leaves, in nature, are never just one shade of green, so the more greens used, the more natural the scene looks. Try Dual Tone green frit for even more color shading.

F7-7500-90 Dual Tone Fern Green/Clear

Greens used for "Summer":

F7-700-90 Emerald Green
 F7-701-90 Evergreen
 F7-703-90 Lime
 F7-705-90 Kelly Green
 F7-773-90 Spearmint



Step 4

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Step #4 Build color

Transparent frit fuses to soft "watercolor" washes of color. Layer, stack and mix the colors you want to use. For a higher saturation of color, use more frit layers than you might otherwise think are needed.

Notice how the background blues are worked into the green leaves. This 'color referencing' will help to avoid a cartoon-like look and add to the realism of the final piece.

Blues used for "Summer"

F7-401-90 Sky Blue
 F7-402-90 Aqua Blue
 F7-413-90 Caribbean Blue



Step 5

Step #5 Finished composition

Lots of layers add to the depth of color.

Note the shading of Amber, Khaki and Root Beer browns on the trunk and branches, indicating the direction of the light source.

A second 10" (25.4 cm) circle of clear is slipped under the base and the round is ready for firing.

Browns used for "Summer":

- F7-706-90 Khaki
- F7-901-90 Golden Amber
- F7-902-90 Pale Amber
- F7-905-90 Root Beer

Segment Number	*Ramp in Degrees/Hr	Setpoint (Degrees F)	Soak Time
1	275°	1250°	50
2	350°	1440°	20
3	9999°*	960°	90
4	135°	800°	0
5	235°	600°	0
6	335°	100°	0

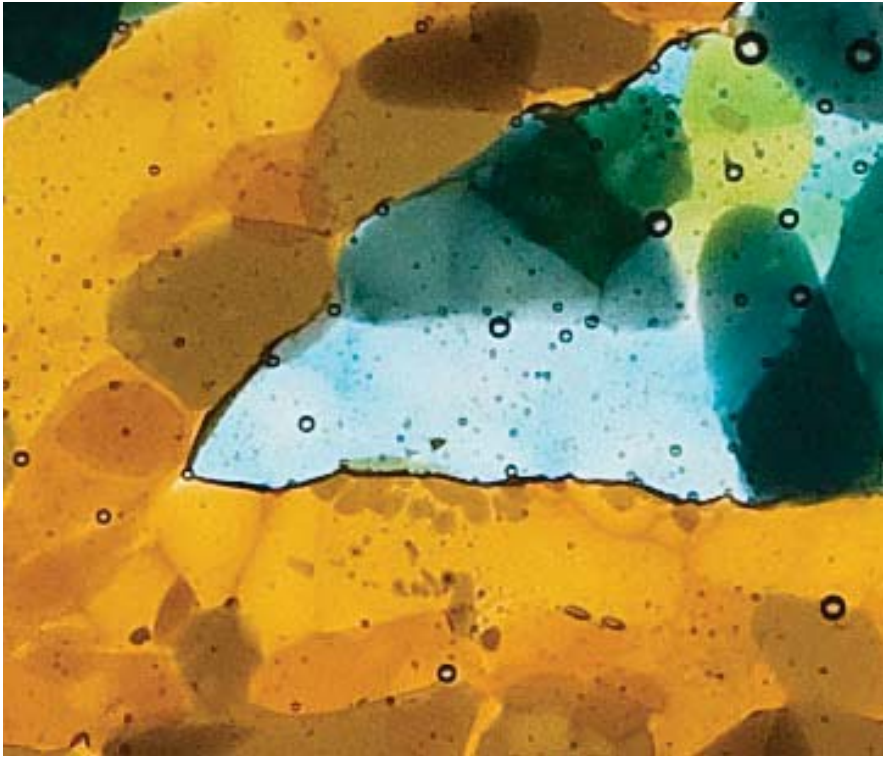
*AFAP (as fast as possible)

Kiln Profile

Step #6 Firing Profile

For FX 90 glass, a smooth topped full fuse is achieved by using this firing schedule.

For more information on firing, and schedules for other sizes and formats of work, please visit www.uroboros.com, Tech Center tab.



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Closeup after firing

Not only does the size of Mosaic frit give you nice washes of transparent color, but there is less bubble entrapment than when using smaller sizes of frit.



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What is available

Mosaic Frit is found in both the Uroboros FX 90 and System 96 product lines.

All Uroboros colors are available in this size (F7) including Iridized, Dual Tone and Aventurine colors.

Frit is available in 8.5oz and 4 lb jars, 40 lb buckets, and bulk lots. Regardless of the scope of your project, we have the quantity that is best for you.



To do this project with system 96 colors, try these suggestions:

Sheet glass for the branches:

100SFS	Clear circle base
60-57-96	Walnut
60-906-96	Straw

Branch shading:

F7-57-96	Walnut
F7-906-96	Straw
F7-5000-96	Dual Tone-Chocolate/Clear

Sky:

F7-5331-96	Sky Blue
F7-5333-96	Deep Aqua

Leaves:

F7-121-96	Light Green
F7-707-96	Citron
F7-5262-96	Moss Green
F7-5281-96	Sea Green
F7-7312-96	Lime
F7-7550-96	Fern Green/Clear