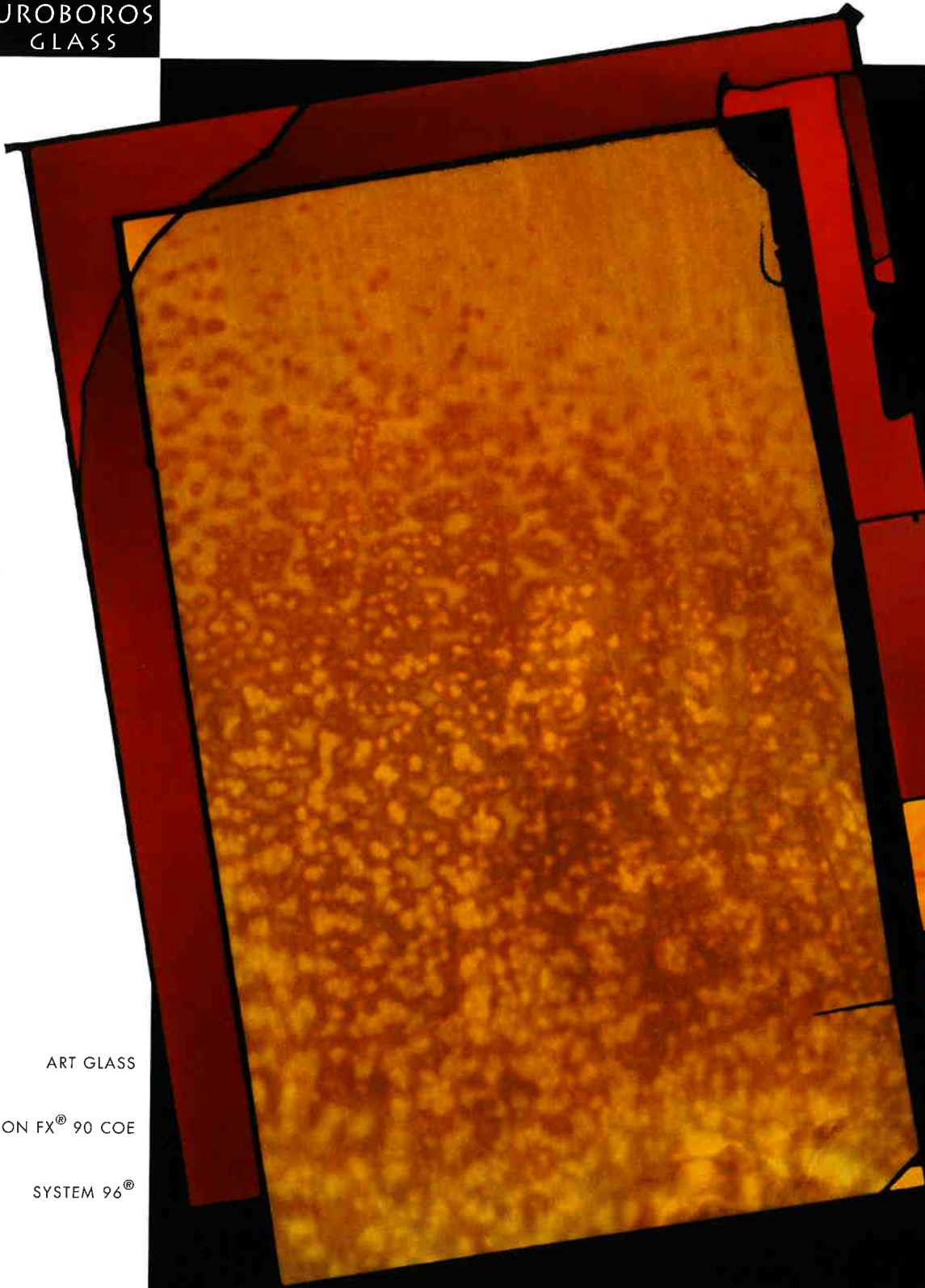




I M A G I N A T I O N A T W O R K



UROBOROS GLASS®

ART GLASS

FUSION FX® 90 COE

SYSTEM 96®

CREATE ANYTHING!

Welcome to Product Catalog 31, with more pages, pictures and products than ever.

Since 1973, Uroboros Glass has manufactured beautiful glass for artists and craftspeople worldwide. From the start we have consistently strived to develop the highest quality products available, and our growth reflects this. We're proud of our international reputation for marrying old-world craftsmanship with new-world technology, bringing you terrific color choices and product innovation in our specialty art glass.

Please browse this catalog for details about our three product categories – Art Glass, 90 COE Fusion FX®, and System 96®.

And ask your favorite supplier to show you the complete range of high-quality Uroboros products.



HOW TO REACH US

UROBOROS® GLASS STUDIOS, Inc.
 2139 N. Kerby Avenue
 Portland, Oregon 97227, USA
 503-284-4900
 Fax: 503-284-7584
 uroboros@uroboros.com
 uroboros.com
 system96.com

A WORD ABOUT COLOR

The color photographs you see in this catalog have been printed with great care. However, printed materials can never fully capture the beauty of reflected or transmitted light. We recommend using an actual Uroboros glass sample set or viewing our website for better color matching.



Frit-cast leaves, courtesy of Lucartha Kohler

SPECIFICATIONS

ART GLASS

Sheet Sizes

5.0 sq. ft.	24" x 30" (61 x 76 cm)	avg. weight 8.25 lb (3.74 kg)
4.0 sq. ft.	24" x 24" (61 x 61 cm)	avg. weight 6.60 lb (3.00 kg)
2.5 sq. ft.	24" x 15" (61 x 38 cm)	avg. weight 4.20 lb (1.90 kg)

Typical Thickness: .125" (3 mm)

FUSIBLE GLASS: System 96 and Fusion FX 90 COE

5.5 sq. ft.	Black and Clear Hand-Rolled Only	24" x 33"	61 x 84 cm
5.0 sq. ft.	All Opals and Transparents – except thins	24" x 30"	61 x 76 cm
4.0 sq. ft.	All Opals and Transparents	24" x 24"	61 x 61 cm
2.83 sq. ft.	Black and Clear Hand-Rolled – all thins	24" x 17"	61 x 43 cm
2.5 sq. ft.	All Opals and Transparents – except thins	24" x 15"	61 x 38 cm

Typical Case Dimensions and Weights:

A case of Hand-Rolled sheet glass usually contains 45 sheets. Outside dimensions of full cases are 36"L x 14"D x 31"H (91 x 36 x 79 cm). Packed weight is 413 lb (187 kg).

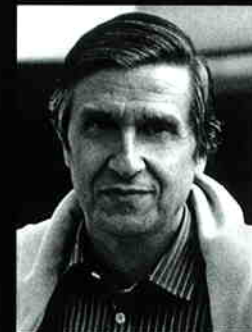
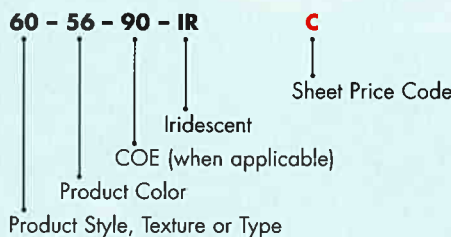
Fusion FX 90 COE Machine-Rolled Clear is sold by the case in the following configurations:

Description	Random cases	61 x 61 cm	61 x 122 cm	61 x 160 cm	61 x 183 cm
		24" x 24" 4 sq. ft.	24" x 48" 8 sq. ft.	24" x 63" 10.5 sq. ft.*	24" x 72" 12 sq. ft.*
634-00-90 Clear – 4mm thick	yes	36 sheets	36 sheets		36 sheets
63-00-90 Clear – 3mm standard	yes	50 sheets	58 sheets	58 sheets	58 sheets
632-00-90 Clear – 2mm thin	yes	70 sheets			
63-00-90IR Clear Irid – 3mm standard	yes	50 sheets	58 sheets		

* special order

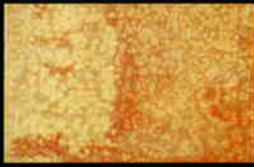
THE UROBOROS PRODUCT CODE SYSTEM

This example represents a sheet of Hand-Rolled Smooth, Black, 90 COE Fusible, Iridescent glass.

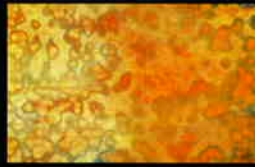


Front cover:
 S.D.G. 13/2002/GB
 Johannes Schreiter
 96 x 68,5 cm
 Architecture, fine art and glass come together in this nearly ascetic use of form, restraint and formal discipline. A genius of simplicity, Schreiter is recognized worldwide. Panel executed with Glasmalerei Peters, GmbH, Paderborn

RING MOTTLE



00-031
Pastel Pink
and White



00-034
Honey Amber,
Pastel Pink, Sky Blue



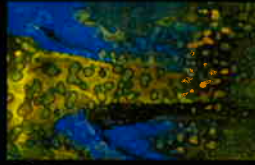
00-036
White, Bud Green, Dark
Blue-Green, Dark Brown



00-05
White



00-07
Blue-Gray



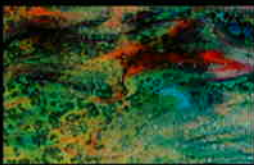
00-141
Green, Mossy Brown,
Amber, Violet



00-20
Ruby and Red
on White



00-21
Ruby, Golden Yellow, Red
on White



00-288
Dolphin Opal, Blue,
Gold-Pink, Gold-Purple



00-29
Gold-Pink and White



00-294
Uroborium, Magenta and
Crimson Pink



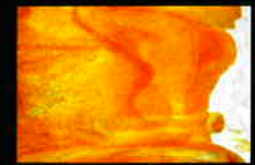
00-33
Honey-Amber



00-331
Honey, Lemon Yellow,
Sage



00-36
Lemon and Golden Yellow
on White



00-361
Amber and Lemon Yellow
on White



00-40
Steel Blue, Sky Blue on
White



00-41
Blue and Yellow
on White



00-43
Light Blue and Violet Blue



00-44
Violet Blue and Lavender



00-475
Sea Grass, Lavender,
Purple, Brown



00-485
Cobalt, Emerald,
Spring Green, Purple



00-49
Gold-Purple and White



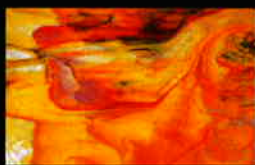
00-492
Gold-Purple, Cobalt Blue
on White



00-50
Blue, Gold-Pink,
Spring Green



00-545
Cobalt, Plum, Emerald,
Clear



00-60
Yellow, Orange,
Dark Blue-Green and
Spring Green



00-61
Orange, Red, White
and Spring Green



Adirondack Landscape, Peter McGrain, 10' x 10'

ART GLASS

We make some of the finest art glass in the world. Each beautiful handcrafted sheet meets the highest standards of quality, consistency and cutability for both traditional and contemporary designs. Choose your favorites from 195 vibrant color combinations in a multitude of styles and textures. The Uroboros palette offers you color exclusives you won't find elsewhere!



McGrain uses lush colors, bold shapes and complex shading to create this peaceful scene.

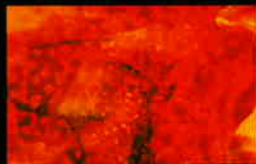


Uroboros Series, Gordon Huether, 24" x 30"



Huether twists and chops hand-cast sheets at our factory for his Uroboros series.

RING MOTTLE continued



00-621 **E**
Red and Orange,
w/Yellow



00-63 **H**
Gold-Purple, Red, White,
Emerald and Spring Green



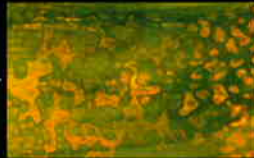
00-631 **H**
Yellow, Amber,
Gold-Purple, Emerald
and Spring Green



00-69 **H**
Gold-Pink, White,
Forest Green



00-70 **E**
Emerald, Light Green
and Spring Green w/Red,
Amber, Blue



00-731 **E**
Avocado and Forest Green,
Amber



00-74 **E**
Emerald, Yellow-Green,
and Light Green



00-752 **F**
Verdant Green and
Lemon Yellow



00-756 **E**
Clear, Green-Blue and
Dark Green



00-76 **E**
Dark Green and Yellow
on White



00-78 **E**
Light Green
w/Spring Green



00-79 **E**
Celery and Deep Forest
Green



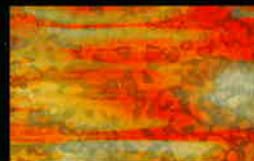
00-911 **E**
Coffee, Yellow,
Dark Brown



00-913 **E**
Coffee, Emerald
and Cream



00-916 **F**
Dolphin Opal,
Coffee Brown, Green



00-917 **E**
Brandied Peach
on White

FRACTURE



10-02 **F**
Light Green Base w/Green
and Blue Fractures



10-16 **G**
Turquoise Brown
w/mini Fractures



10-40 **G**
White w/Gold-Pink/
Green/Blue Fractures

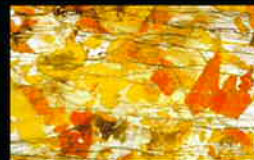


10-55 **F**
Blue, White w/Green/
Blue/Brown Fractures

FRACTURE / STREAMER



11-006 **G**
Clear, White,
Snow-White Fractures,
Clear Streamers



11-12 **G**
Yellow, White w/Yellow/
Orange Fractures,
Brown Streamers



11-13 **G**
White w/Blue/Green
Fractures, Green Streamers



11-25 **G**
Clear w/3 Greens
Fractures, Green Streamers



11-29 **H**
Clear w/Green/Gold-Pink
Fractures, Green Streamers



11-295 **H**
Clear, Wht w/Gold-Pink/
White Fractures,
Green Streamers



Detail: A Tom Surlis lampshade showing his signature scalloped metal spines.

FRACTURE/STREAMER continued



11-296 **H**
Clear, Gold-Pink w/White
Fractures, Clear Streamers



11-35 **G**
Clear w/Green/Yellow
Fractures, Green Streamers



11-38 **G**
Clear w/Yellow/Or/Red
Fractures, Brown Streamers



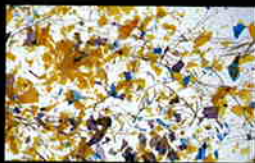
11-45 **G**
Clear w/Green/Red
Fractures, Green Streamers



11-51 **G**
Clear w/Purple/Blue
Fractures, Green Streamers



11-86 **H**
Blue, Green w/Gold-Pink
Fractures, Brown Streamers



11-91 **G**
Clear w/Amber, Blue,
Purple Fractures and
Brown Streamers

STREAMER



12-297 **H**
Clear, White, Gold-Pink,
Blue, Clear Streamers



12-543 **G**
Blue, Purple, Cream, Clear
Streamers



**SPOT
MOTTLES**



20-055 **E**
White on White w/Clear



20-074 **E**
Dolphin Opal
w/Sesame Transparent



20-362 **E**
Goldenrod Opal
w/Transparent Amber



20-42 **E**
Cerulean Blue Opal
w/Light Blue Transparent



20-546 **E**
Mulberry Plum Opal
w/Plum Transparent



20-627 **E**
Light Red Opal on
Plum Transparent



20-732 **E**
Avocado Opal
w/Yellow-Green
Transparent



20-765 **E**
Chartreuse Opal
w/Light Green Transparent



20-918 **E**
Red Amber Opal on
pale Amber Transparent



20-92 **E**
Antique White Opal
w/Yellow Amber
Transparent

**HERRINGBONE
GRANITE
RIPPLE**



50-00 **B**
Clear



50-00-IR **B**
Clear Irid

Top view of Surlis' lamps, 30" to 36" in diameter. His original designs and masterful use of ring mottles invoke organic, primal imagery.





Riverbank Mosaic, Elaine Prunty, 2.9 m x 1.3 m
Portion of an outdoor water feature at a residence in Ireland.



Detail: Iridized art glass makes this mural lively during the day and shimmering in the evening.

HERRING-BONE GRANITE RIPPLE continued



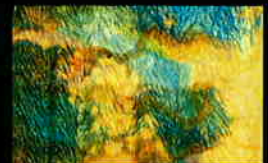
50-05
White **C**



50-14
Light Brown, Dark Brown,
and Green **D**



50-15
Emerald, Chartreuse,
Turquoise Green **C**



50-19
Light Brown, Dark Brown,
Sky Blue **C**



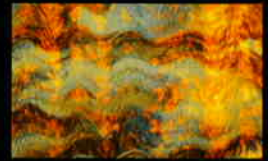
50-29
Gold-Pink and
White **G**



50-542
Blues and Violet, Clear,
White **E**

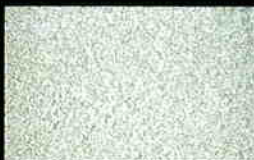


50-74
Emerald, Spring and
Yellow Green **D**

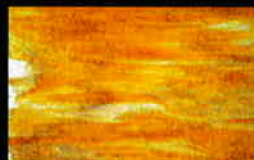


50-912
Butterscotch and Coffee **C**

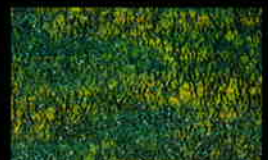
GRANITE RIPPLE



51-00
Clear **B**



51-361
Amber, Yellow
on White **C**



51-778
Turquoise, Olive,
Dark Blue-Green and
Dark Green **D**



51-914
Dark Brown, Coffee,
Butterscotch **C**

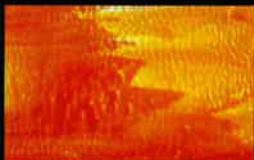
SMOOTH RIPPLE



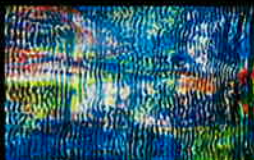
52-20
Ruby and Red
on White **C**



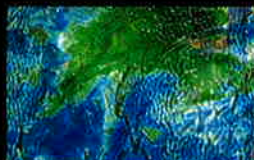
52-48
Aqua Blue, Sea Green,
White **C**



52-62
Yellow, Red, Pumpkin on
White **D**



52-85
Blue, Green, White Gold-
Pink, Violet **E**



52-86
Steel Blue, Sea Green,
Green, Blue and Gold-Pink
Fractures **F**

DRAPERY



55-04
Off-White, Gold-Pink,
Gold-Purple **J**



55-05
White **J**



55-29
Gold-Pink and White **J**

FIPPLE



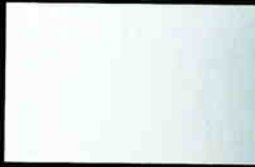
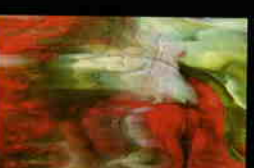
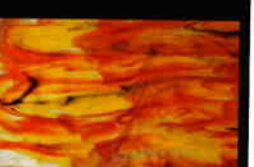
57-85
Cobalt Blue, Sea Green,
White, Gold-Purple and
Gold-Pink **G**



57-92
Golden Amber, Yellow,
Cream **E**



STREAKY

60-00
Clear AA60-00-IR
Clear Irid AA60-005
Clear with Wispy White B60-05
White B60-14
Light Brown, Dark Brown,
Emerald Green C60-16
Light Brown and
Turquoise Green C60-165
Greens, Browns
and Yellow D60-171
Cappuccino
and Paprika C60-191
Blue, Honey, Yellow,
Green Highlights C60-20
Ruby and Red
on White B60-25
Crimson, Red, Pumpkin,
White, Clear C60-281
Gold-Pink and Clear K60-285
Cream, Gold-Pink and
Clear I60-287
Cream, Gold-Pink, Green I60-290
Gold-Pink, Yellow
on White F60-291
Gold-Pink, Lemon Yellow,
White G60-37
Orange, Yellow on White C60-38
Green, Orange & Pumpkin C60-39
Cobalt Blue, Red Orange,
Green C60-391
Yellows, Blues, Reds D60-41
Dark Blue, White,
Gold-Pink, Amber C60-466
Sky Blue, White,
Pastel Pink B60-54
Cobalt & Sky Blue, White,
Gold-Purple D60-541
Cobalt, Sky, Violet,
Gold-Purple H60-543
Regatta Blue, Purple,
Cream C60-56-IR
Black Irid C60-60
Yellow, Orange, White,
Greens C

Dragonfly lamp, Jenny Palmer

60-96 used as the dramatic backdrop for
Palmer's exceptional work.



Detail: Tomoko Fukuda's careful and expert use of drapery glass.



A 28" lampshade designed by Yoshifumi Tagami and constructed by Tomoko Fukuda, member of the Association of Stained Glass Lamp Artists.

STREAKY continued



60-61 **D**
Orange, Red,
White, Greens



60-625 **E**
Opal Red with
Dark Red



60-63 **F**
Gold-Purple, Red, White,
Emerald and Spring Green



60-635 **L**
Plum, Royal Crimson,
Gold-Pink and Amber



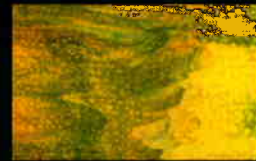
60-64 **G**
Gold-Pink, Red, White,
Emerald and Spring Green



60-70 **C**
Emerald, Spring and
Yellow Green, Cream
and Blue



60-74 **C**
Emerald, Yellow-Green
w/White



60-751 **B**
Green, Honey Ivory
on White



60-77 **D**
Forest Green and
Chartreuse



60-91 **C**
Honey Amber
and Coffee



60-915 **B**
Golden Amber, Yellow,
White



60-96 **D**
Yellows, Blues, Reds,
Greens, Gold-Pink

GRANITE



65-00 **A**
Clear



65-00-IR **A**
Clear Irid



65-05 **B**
White



65-14 **C**
Dark and Light Brown
w/Emerald Green



65-145 **F**
Dark and Light Brown,
Spring, Yellow Green,
Brown Streamers, Cream



65-17 **B**
Light and Dark Browns



65-19 **B**
Light and Dark Browns,
Sky Blue



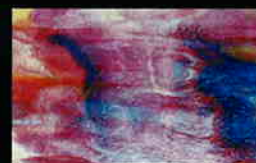
65-20 **B**
Ruby and Red
on White



65-287 **I**
Cream, Gold-Pink,
Forest Green



65-29 **F**
Gold-Pink
and White



65-293 **I**
Jonquil, Raspberry, Blue



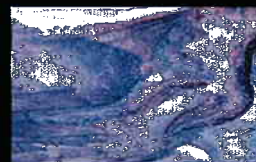
65-299 **H**
Clear, White, Gold-Pink,
Purple



65-35 **D**
Canary Yellow



65-48 **B**
Aqua Blue, Sea Green on
White



65-49 **F**
Gold-Purple
and White



65-540 **C**
Sky Blue, White,
Cobalt Blue, Purple



65-542 **D**
Blues, Violets and Clear



65-56-IR **C**
Black Irid



65-59 **F**
Gold-Pink, Spring and
Yellow Green on White



65-74 **C**
Emerald, Spring
and Light Green



65-785 **C**
Seacrest Opal, Antique
White Opal, Green, Brown



65-85 **D**
Blues, Sea Green,
Gold-Pink, Violet



65-85-IR **D**
Irid w/Blues, Greens,
Gold-Purple and Gold-Pink



65-850 **I**
Gold-Pink and Gold-Purple,
Blues, Green



65-851 **D**
Regatta Blue, Sea Foam
Green, White, Gold-Pink



65-86 **F**
Steel Blue, Greens,
Sea Foam, Cream,
Pink, Blue, Green Fractures



65-92 **B**
Amber, Yellow on Cream



65-95 **D**
Blues, Red, Yellow, Green,
Gold-Pink



65-95-IR **D**
Blues, Yellow,
Gold-Pink, Irid



65-951 **D**
Yellow, Red, Blue,
Gold-Pink, White

GRANITE MOTTLE



66-030 **E**
Pastel Pink, White, Plum,
Blue Green



66-298 **I**
Gold-Fuchsia, Raspberry



66-366 **E**
Canary Yellow on White

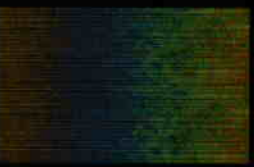


66-793 **E**
Khaki, Dark and Yellow
Green w/Cream

FIBROID



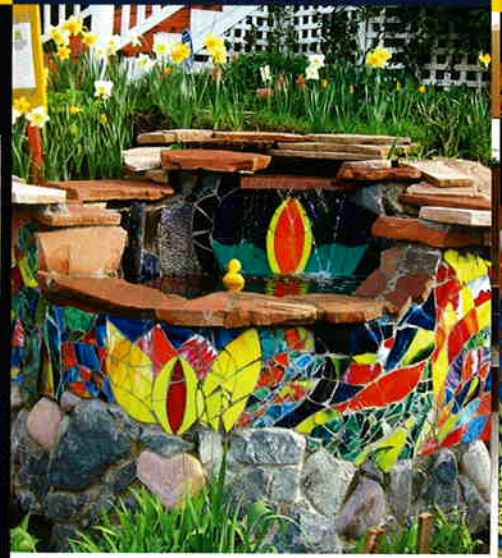
70-00 **A**
Clear



70-56-IR **C**
Black Irid



70-70 **C**
Emerald, Spring and
Yellow Green w/Red,
Amber, Blue and Cream



This Fountain mosaic in Sunnyside, Oregon is part of a public gathering place created by the community.



Urban planners, city officials and residents transformed a dangerous intersection into a place for sidewalk conversations, throwing coins into a fountain, walking and biking. Energized citizens created Sunnyside Piazza, reclaiming a deteriorating environment. Uroboros was there.

90 COE FUSIBLE GLASS

Uroboros has been producing tested-compatible fusible glass for nearly two decades. We run it through the industry's most rigorous testing. Products at the 90 COE expansion point are tested compatible with Bullseye glass and, for glass blowers, with East Bay 91 and Spruce Pine 83. We continually introduce new and innovative 90 COE products for both beginning artists and top fusing professionals worldwide.



Bamboo element, Carol Hall



Left: Cinder Maker, 18" diameter, Michael Dupille
Kiln-formed wall piece, created at the Uroboros factory.



Right: Tahaa, 62" x 13" x 4", David Ruth,
Cast, polished glass and steel.

HERRING-BONE GRANITE RIPPLE



50-00-90 Clear



50-00-90-IR Clear Irid

GRANITE RIPPLE



51-00-90 Clear



51-56-90 Black



51-56-90-IR Black Irid



51-606-90 Grenadine Red



51-606-90-IR Grenadine Red Irid



51-700-90 Emerald Green

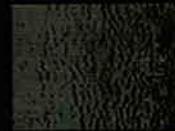


51-700-90-IR Emerald Green Irid

FIPPLE



57-00-90 Clear



57-56-90 Black



Frit in all five grain sizes available in all fusible glass colors.

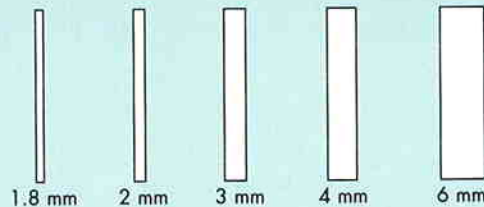
CODE LEGEND

Sheet Price Code = **Red**

ADDITIONAL STYLES STOCKED:

IR = Iridescent

THICKNESS LEGEND

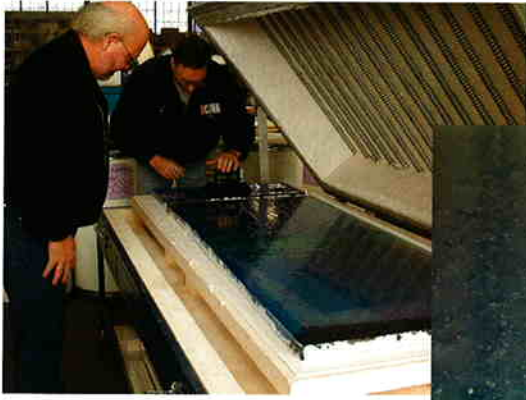


- 1.8 mm = 61, 71, 81 Styles
- 2 mm = 632 Style
- 3 mm = 60, 63 Styles
- 4 mm = 634, 64 Styles
- 6 mm = 68 Style



- Clear
- 60-00-90 **AA**
- 61-00-90 **AA**
- 63-00-90 **AA**
- 64-00-90 **B**
- 68-00-90 **H**

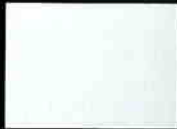
- Black
- 60-56-90 **C**
- 61-56-90 **C**



Above: Walter Gordinier fires a large architectural casting at Uroboros using sheets, billets and frit. Far right: Walter on his cast tapestry rug in an Oregon home.



DOUBLE-ROLLED SMOOTH



60-00-90 AA
Clear



60-00-90-IR AA
61-00-90-IR AA
Clear Irid



60-005-90 B
Clear w/Wispy White Opal



60-05-90 B
White Opal



60-071-90 A
Warm Gray



60-072-90 A
Cool Gray



60-073-90 B
Dolphin Opal



60-076-90 B
Blue Gray Opal



60-301-90 B
Sand Opal



60-330-90 B
Antique White Opal



60-351-90 C
Marigold Opal



60-356-90 C
Lemon Yellow Opal



60-357-90 C
Lemon Chiffon



60-400-90 B
Cobalt Blue Opal



60-401-90 A
Sky Blue



60-402-90 A
61-402-90 A
Aqua Blue



60-403-90 B
61-403-90 B
Cobalt Blue



60-408-90 B
Cornflower Blue Opal



60-417-90 C
Peacock



60-436-90 B
Periwinkle



60-501-90 A
61-501-90 A
Plum



60-502-90 A
Violet



60-505-90 A
Taupe



60-530-90 A
Sesame



60-56-90 C
Black



60-56-90-IR C
61-56-90-IR C
Black Irid



60-604-90 D
Red Opal



60-606-90 C
61-606-90 C
Grenadine Red



60-608-90 C
61-608-90 C
Tangerine



60-700-90 C
61-700-90 C
Emerald Green



60-701-90 A
61-701-90 A
Evergreen



60-703-90 A
61-703-90 A
Lime



60-705-90 A
Kelly Green



60-706-90 A
Khaki



60-726-90 B
Apple Jade Opal



60-773-90 A
Spearmint



60-775-90 B
Hunter Green Opal



60-791-90 B
Seacrest Opal



60-794-90 B
Sage Opal



Detail of kiln combed glass



Savoy Studios
11" diameter

Christmas Gecko
Ruth Brockman
10" x 1 1/2" x 4"



Graphic Goddess Spiral
Kat Hartley, 12" x 12"



AVAILABLE THINS (1.8MM):

Clear	61-00-90	Grenadine Red	61-606-90
Clear Irid	61-00-90-IR	Tangerine	61-608-90
Aqua Blue	61-402-90	Emerald Green	61-700-90
Cobalt Blue	61-403-90	Evergreen	61-701-90
Plum	61-501-90	Lime	61-703-90
Black	61-56-90	Golden Amber	61-901-90
Black Irid	61-56-90-IR		

DOUBLE-ROLLED
SMOOTH
continued



60-901-90 **A**
61-901-90 **A**
Golden Amber

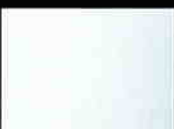


60-902-90 **A**
Pale Amber



60-905-90 **A**
Root Beer

MACHINE-ROLLED
SMOOTH



63-00-90 **AA**
Clear

GRANITE



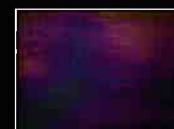
65-00-90 **A**
Clear



65-00-90-IR **A**
Clear Irid



65-56-90 **C**
Black



65-56-90-IR **C**
Black Irid

FIBROID



70-00-90 **A**
71-00-90 **A**
Clear



70-00-90-IR **A**
Clear Irid



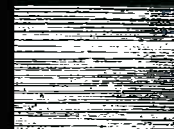
70-071-90 **A**
Warm Gray



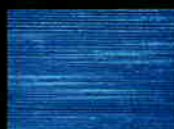
70-072-90 **A**
Cool Gray



70-357-90 **C**
Lemon Chiffon



70-401-90 **A**
Sky Blue



70-402-90 **A**
Aqua Blue



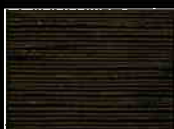
70-501-90 **A**
Plum



70-502-90 **A**
Violet



70-505-90 **A**
Taupe



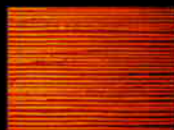
70-56-90 **C**
Black



70-56-90-IR **C**
Black Irid



70-606-90 **C**
Grenadine Red



70-608-90 **C**
Tangerine



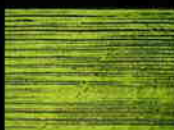
70-700-90 **C**
Emerald Green



70-700-90-IR **C**
Emerald Green Irid



70-701-90 **A**
Evergreen



70-703-90 **A**
Lime



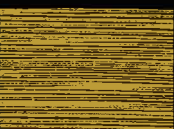
70-705-90 **A**
Kelly Green



70-706-90 **A**
Khaki



70-901-90 **A**
Golden Amber



70-902-90 **A**
Pale Amber

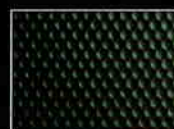
RADIUM



80-00-90 **A**
81-00-90 **A**
Clear



80-00-90-IR **A**
Clear Irid



80-56-90 **C**
81-56-90 **C**
Black



80-56-90-IR **C**
Black Irid