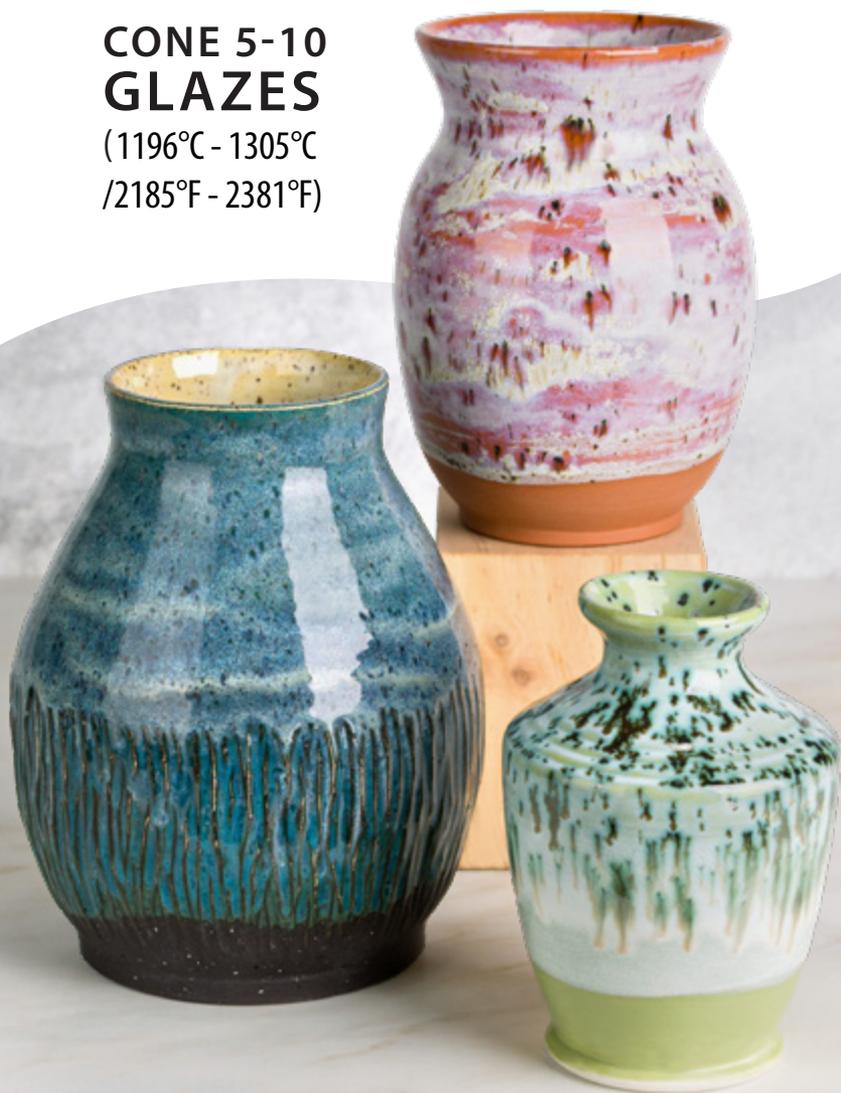




# STONEWARE

**CONE 5-10  
GLAZES**  
(1196°C - 1305°C  
/2185°F - 2381°F)



# Mayco® STONEWARE

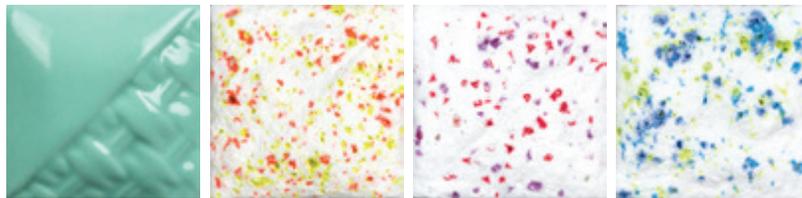
## New Glazes!



EG006 Sparkle Black Engobe  
EG007 Terracotta Engobe  
SW220 Black Timber  
SW221 Mint Speck



SW222 Green Jasper  
SW223 Milk Glass  
SW224 Tropical Teal  
SW514 Sage Gloss



SW515 Aqua Gloss  
SG303 Citrus Snow Gem  
SG304 Berry Snow Gem  
SG305 Spearmint Snow Gem

**Dinnerware Safe:** Indicates the fired glaze surface is chemically durable and is free of surface characteristics that could potentially trap bacteria.

**Dinnerware Safe with Clear Glaze:** Fired surface is Dinnerware Safe when a clear glaze or another Dinnerware Safe glaze is applied on top, creating a sealed and chemically durable finish.

**Not Dinnerware Safe:** Not recommended for dinnerware as the fired finish is either not chemically durable or has surface characteristics that could potentially trap bacteria. Recommended for the outside of a dinnerware piece, below the lip line or for ornamental use only.

Visit [MaycoColors.com/Resources/Dinnerware-Food-Safety](http://MaycoColors.com/Resources/Dinnerware-Food-Safety) for more information.

Cover pieces on white stoneware clay, fired to cone 6 oxidation (1222°C/2232°F):

1. SW169 Frosted Lemon over SW224 Tropical Teal on EG006 Sparkle Black Engobe
2. SW223 Milk Glass over SW155 Winter Wood on EG007 Terracotta Engobe
3. SW222 Green Jasper over SW514 Sage Gloss

Stoneware glazes offer the depth, sophistication and reliability to artists working from mid-range to high-fire temperatures. Many glazes will break over textures, revealing secondary colors and shades. The choice of clay body, thickness of glaze application, firing process and temperature will affect the fired results.



SW100 Blue Surf



SW101 Stoned Denim



SW104 Black Walnut



SW105 Frost Blue



SW106 Alabaster



SW107 Dunes



SW108 Green Tea



SW109 Capri Blue



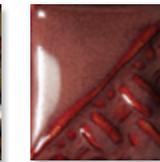
SW110 Oyster



SW111 Wrought Iron



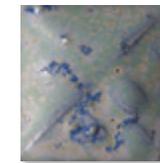
SW112 Tiger's Eye



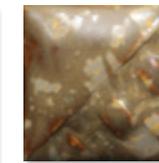
SW113 Speckled Plum



SW115 Midnight Rain



SW116 Robin's Egg



SW117 Honeycomb



SW118 Sea Salt



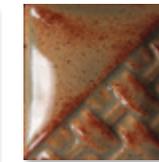
SW119 Cinnabar



SW120 Northern Woods



SW121 Smoke



SW122 Maycoshino



SW123 Sapphire



SW127 Olive



SW128 Cordovan



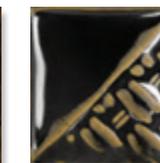
SW129 Copper Float



SW130 Copper Jade

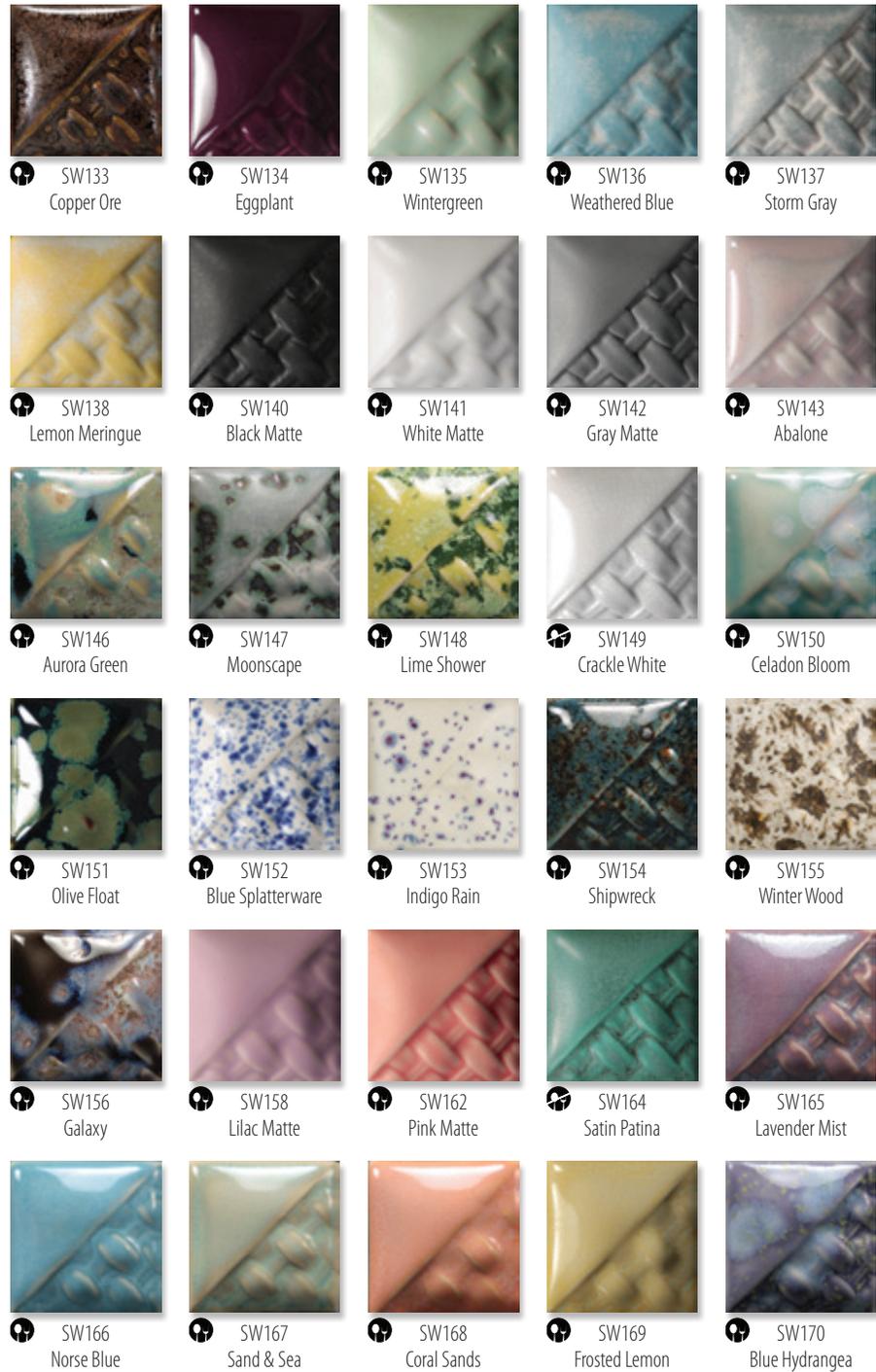


SW131 Birch



SW132 Mirror Black

Chips shown have been fired to cone 6 oxidation (1222°C/2232°F) on white stoneware body. Stoneware firing range cone 5 - 10 (1196°C - 1305°C / 2185°F - 2381°F).





SW255  
Gray Opal

*Used alone, stoneware glazes produce beautiful color variations; one coat will allow the clay body to show through the glaze and two to three coats deepen the color.*

**Tips for Micros (SW214 - 218)**

- Micro is short for micro-crystalline which is a glaze that develops small crystallization from the zinc and silica during the cooling process. These glazes can be fired from cones 5-10, but we suggest a hot cone 6 with a fast cool in a loosely packed kiln for optimum crystallization.
- While Mayco's Stoneware Crystal glazes contain glass frit in the jar, Micros do not contain a glass crystal, rather, the effect is created by the glaze itself during the firing process.

**Tips for Crystals**

- Crystal glazes are designed to expand upon the surface with dazzling bursts of color.
- Crystals will settle to the bottom of the jar and will need thorough mixing prior to initial use and in between each coat.
- Apply two to three coats using a fan brush. While the glaze is wet, use your brush to redistribute crystals to achieve balanced coverage. Over-application of the crystals can cause pinholing or running.
- Crystals can create movement. Avoid having a heavy concentration of crystals near the bottom of your piece.

**STONEWARE GLOSS**

*Stoneware Gloss glazes can be used in design, all over coverage and are the ideal product for intermixability at mid-range temperatures. The integrity of your design will remain unchanged as these glazes are incredibly stable and will not move or combine with surrounding colors.*



**STONEWARE CLEAR**

*Mayco Stoneware Clear glazes will preserve and enhance the surface of your work.*

*SW001 Clear is formulated for mid-range temperatures up to cone 10 (1305°C / 2381°F).*

*SW002 Matte Clear fires to a satin matte finish at cone 5/6 (1196°C -1222°C / 2185°F- 2232°F) and will become more satin at cone 10 (1305°C / 2381°F).*

*SW004 Zinc-Free Clear is designed for use on products containing chrome-based pigments to ensure that you will get a smooth and clear surface.*



## ENGOBES

Engobes are a hybrid of slip, glaze and underglaze, used to coat your clay body to your preferred finish/color and are often used for a variety of decorative techniques, such as sgraffito and majolica. They can be applied to wet clay, greenware or bisque and fire from cones 5-10.



EG001  
White Engobe



EG002  
Speckled Buff Engobe



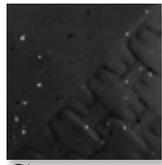
EG003  
Brick Red Engobe



EG004  
Dark Brown Engobe



EG005  
Black Engobe



EG006  
Sparkle Black Engobe



EG007  
Terracotta Engobe

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Watch our video  
on Engobes



Engobes can affect the glaze outcome, as shown below at cone 6 (1222°C / 2232°F):

SW219 Opal Lustre over:

1. Plain white bisque
2. EG001 White Engobe
3. EG002 Speckled Buff Engobe
4. EG003 Brick Red Engobe
5. EG004 Dark Brown Engobe
6. EG005 Black Engobe



### Tips for Engobes

- Engobes are used to change the color of your clay color surface without cross contamination and provide easy clean up in your studio.
- The engobes will not stick to kiln shelves when 2 coats are applied, but this result can vary based on the kiln wash you have. ACO01 Mayco Kiln Wash is recommended.
- Engobes will impact glaze results when used as a base.
- Engobes tend to impact flow of glazes.
- We recommend 2 coats of each glaze when using in combination.
- Can use on alternative clay bodies.
- Fires matte. Apply clear glaze to intensify color or for use on dinnerware.
- Can be used in oxidation or reduction firings. Results may vary.
- Do not overbrush/work the **Speckled Buff Engobe (EG002)** to prevent smearing of the specks. The specks may show when used under a sheer glaze but may not show through when using an opaque glaze.
- **Sparkle Black Engobe (EG006)**: To enhance the sparkle and improve texture, use your fingers to burnish/polish the surface of the ware before the last layer is dry. Polishing is not needed when used in combination. We recommend SW004 Zinc-Free Clear for a black finish.

## STONEWARE SPECIALTY

Recommended for ornamental use only.

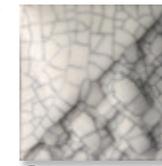
**Crackle glazes (SW003 and SW149)** will develop a crackle pattern with 2-3 coats. To fill in the cracks, wipe back acrylic or ink after firing.

**Mudcrack glazes (SW403 and SW404)** have a highly texture raised and cracked surface. Mudcrack can be directly applied to bisqueware or in combination with other mid-range glazes.

**Magma glazes (SW405 and SW406)** have a rough, cratered surface. The thicker the application of Magma and Mudcrack, the more textured the surface. Magma and Mudcrack can be directly applied on bisqueware or in combination with other mid-range glazes. Can be tinted by layering with Stoneware Gloss glazes and Washes.

**Snowfall (SG302)** creates a white, textured surface. Stable and consistent at all firing temperatures. Can be tinted with Stroke & Coat®, Foundations®, or underglazes.

**Snow Gems (SG303-305)** create a white, textured surface with small colorful crystals. Stable and consistent at all firing temperatures. Can be tinted with Stroke & Coat®, Foundations®, or underglazes.



SW003  
Crackle Matte Clear



SW149  
Crackle White



SW403  
White Mudcrack



SW404  
Black Mudcrack



SW405  
Light Magma



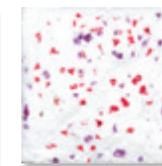
SW406  
Dark Magma



SG302  
Snowfall



SG303  
Citrus Snow Gem



SG304  
Berry Snow Gem



SG305  
Spearmint Snow Gem

SCAN ME!

Magma & Mudcrack  
video playlist



## WASHES

Mayco Washes are highly concentrated metallic glaze colorants formulated for ease of use and versatility. These washes can be used alone for staining techniques or with any glaze from low-fire (cone 05/06), mid-range (cone 5/6) and up to cone 10. They are beautiful in oxidation or reduction and can expand the glaze palette for an artist or teacher. Washes are Not Dinnerware Safe unless used in combination with clear or another glaze that creates a sealed and chemically durable finish.



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For more tips, see  
our Washes Guide.



SW301  
Iron Wash



SW303  
Manganese Wash



SW304  
Copper Wash



SW305  
Cobalt Wash

## FLUX

Light Flux and Dark Flux are flowing glazes intended for use with other stoneware glazes to enhance movement, promote reactions and add interesting effects. Apply 2-3 coats under or over another mid-range glaze to bring about "hidden colors". Flux can also be used sandwiched in between other glazes.



Technique was achieved by brushing on two (2) layers of base glaze. Then apply two (2) layers of top glaze, letting glazes dry between coats:



SW252 Blue Opal over SW402 Dark Flux

SW121 Smoke over SW401 Light Flux

SW173 Amber Quartz over SW401 Light Flux

## GLAZE COMBINATIONS

Dramatic and exciting effects with endless glazing possibilities! Artists can achieve incredible finishes with a simple combination of two Stoneware glazes.

SCAN ME!



Browse through 1000s of combos!

Technique was achieved by brushing on two (2) layers of base glaze. Then apply two (2) layers of top glaze, letting glazes dry between coats:



SW165 Lavender Mist over SW198 Rose Quartz

SW169 Frosted Lemon over SW224 Tropical Teal

SW108 Green Tea over SW214 Micro Pearl

## GLAZE COMBINATIONS ON ENGOBES

Try combos over Mayco Stoneware Engobes for even more potential! Engobes can make all the difference in a striking interaction!



SW110 Oyster over SW218 Micro Ash on EG004 Dark Brown Engobe

SW100 Blue Surf over SW218 Micro Ash on EG005 Black Engobe

SW219 Opal Lustre over SW224 Tropical Teal on EG007 Terracotta Engobe

## Dry Glazes

Use Mayco Stoneware Dry glazes (SD#) for fast dipping and layering, creating natural flowing effects. Fine and uniform particle size and a thorough dry mixing process make Mayco Stoneware Dry glaze consistency so perfect that sieving is optional. Available in select 10 lbs. bags. Contact your Mayco Distributor to order.

Visit [MaycoColors.com](http://MaycoColors.com) for additional resources.

## Your Questions Answered

Not getting desired results? Please contact us for help or check our tutorials on YouTube.

Visit [MaycoColors.com/contact](http://MaycoColors.com/contact) to connect with Mayco's technical team.

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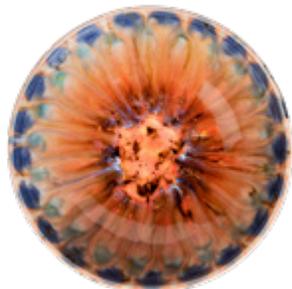
View Mayco's YouTube channel

## LOW-FIRE GLAZES AT MID-RANGE AND BEYOND

Artists can incorporate and combine other Mayco products with Stoneware glazes at mid-range (cone 5/6) temperature and beyond. Cone 6 color performance can be found on the left side of the low-fire glaze label. Visit [MaycoColors.com](http://MaycoColors.com) for more information on low-fire glazes at mid-range.

### Stroke & Coat®

Many Stroke & Coat® glazes perform well at mid-range. Darker colors such as red, orange, yellow, blue and green may darken compared to their cone 06 results. Lighter colors such as tan, purple and pink will fade.



SC104 Grape Expectations, SC028 Blue Isle and SW401 Light Flux applied under SW192 Amaryllis

### Elements™

Many Elements™ and Elements™ Chunkies create beautiful effects when used with stoneware at mid-range. Elements™ will be quite fluid and move during the firing process so keep away from the bottom of the ware.



EL 149 Lavender Flower over SW110 Oyster and SW134 Eggplant on the rim

### Jungle Gems™

Jungle Gems™ glazes perform at mid-range for very interesting results. Crystals will have additional movement at higher temperatures and will act more as a blending agent.



CG1008 Blue Guppy and SW173 Amber Quartz

### Designer Liner

Designer Liner enables artists to achieve crisp, non-moving linework from cones 06 - 6 temperatures. To ensure sharpness in line quality, use a non-moving translucent or clear glaze over the top of Designer Liner.



Designer Liner, SW119 Cinnabar and SW001 Clear

## Stoneware Glazes at Cone 10 Reduction

Mayco Stoneware glazes are intended for use at cone 5/6, but many are also pleasing and stable at cone 10 oxidation, reduction or other alternative atmospheric firing conditions. Always test prior to use.



CONE 10 REDUCTION RESULTS (1305°C / 2381°F)



SW100  
Blue Surf



SW101  
Stoned Denim



SW104  
Black Walnut



SW105  
Frost Blue



SW106  
Alabaster



SW107  
Dunes



SW108  
Green Tea



SW109  
Capri Blue



SW110  
Oyster



SW111  
Wrought Iron



SW112  
Tiger's Eye



SW113  
Speckled Plum



SW115  
Midnight Rain



SW116  
Robin's Egg



SW117  
Honeycomb



SW118  
Sea Salt



SW119  
Cinnabar



SW120  
Northern Woods



SW121  
Smoke



SW122  
Maycoshino



SW123  
Sapphire



SW127  
Olivine



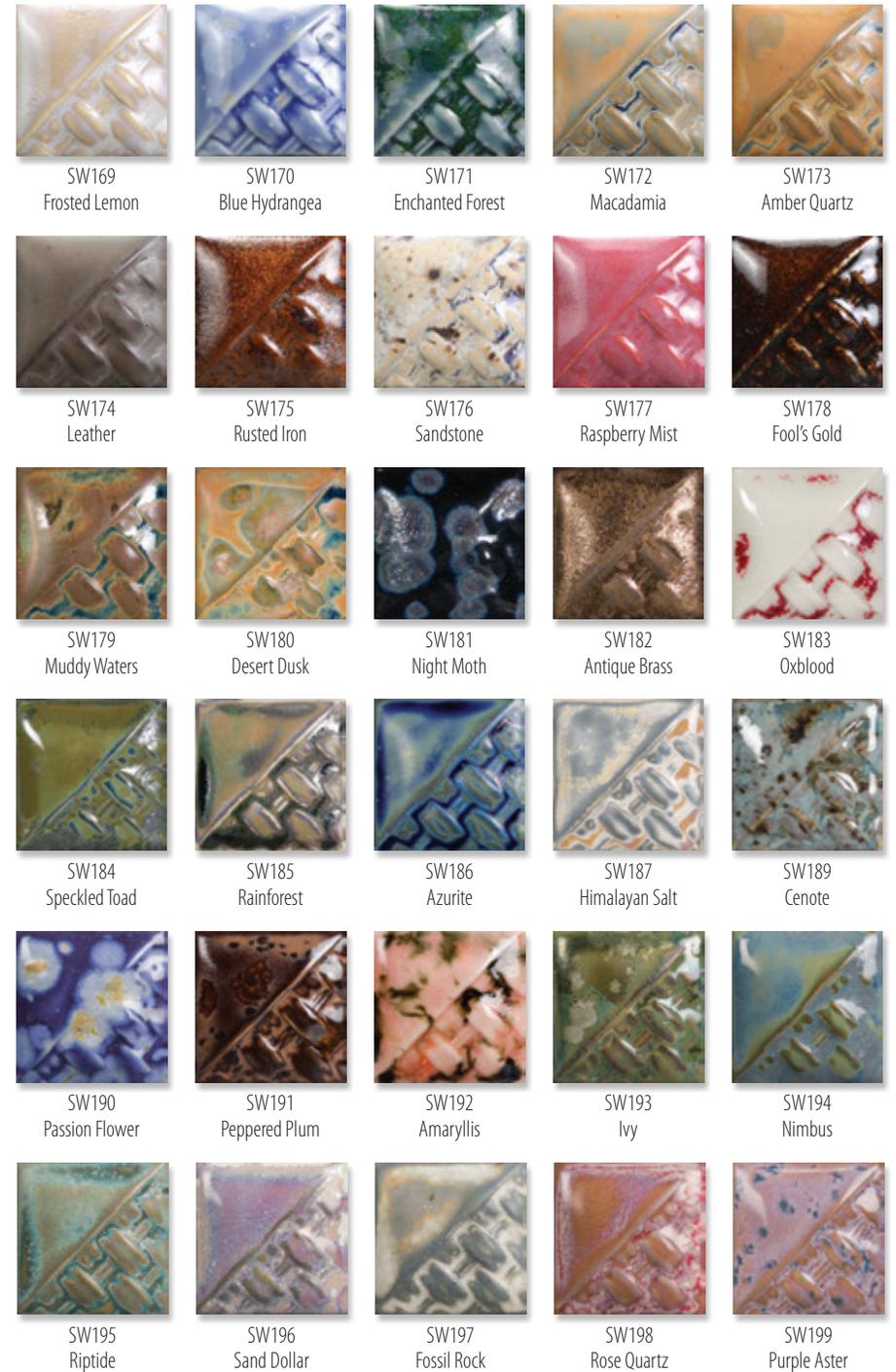
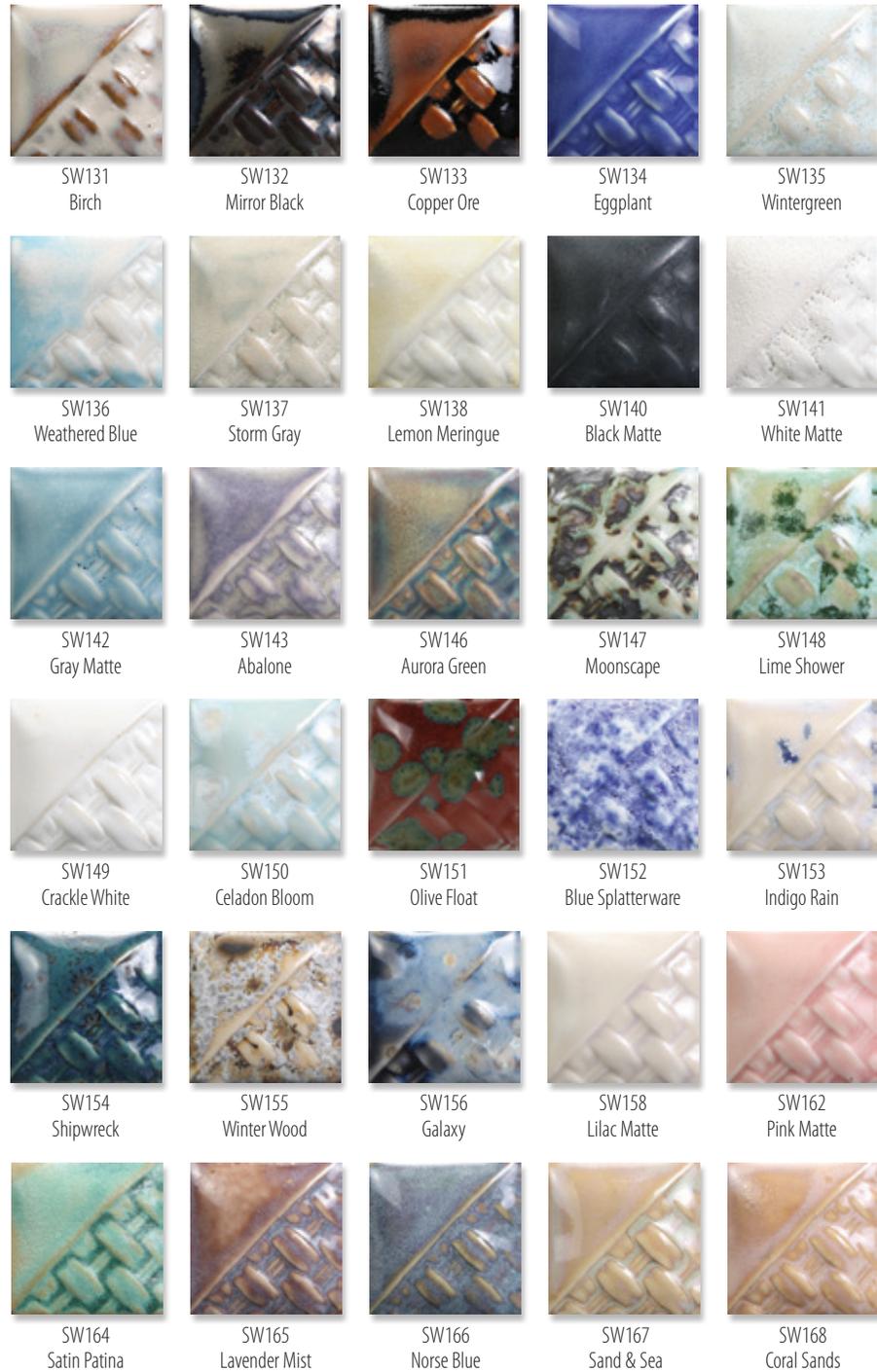
SW128  
Cordovan



SW129  
Copper Float



SW130  
Copper Jade

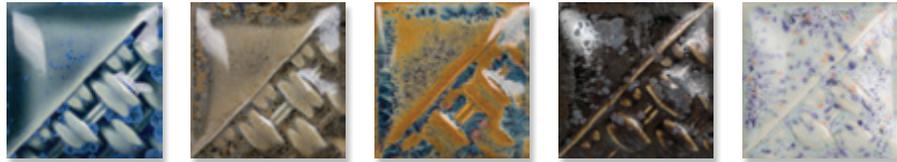




SW201 Turquoise SW203 Root Beer SW204 Amber Topaz SW205 Coral SW210 Emerald



SW211 Glacier Blue SW212 Peacock SW214 Micro Pearl SW215 Micro Champagne SW216 Micro Jade



SW217 Micro Cerulean SW218 Micro Ash SW219 Opal Lustre SW220 Black Timber SW221 Mint Speck



SW222 Green Jasper SW223 Milk Glass SW224 Tropical Teal SW250 White Opal SW251 Pink Opal



SW252 Blue Opal SW253 Green Opal SW255 Gray Opal

**STONEWARE CLEAR**



SW001 Clear SW002 Matte Clear SW004 Zinc-Free Clear

**STONEWARE GLOSS**



SW501 White Gloss SW502 Yellow Gloss SW503 Orange Gloss SW504 Red Gloss SW505 Purple Gloss



SW506 Bright Blue Gloss SW507 Bright Green Gloss SW508 Black Gloss SW509 Dark Green Gloss SW510 Blue Gloss

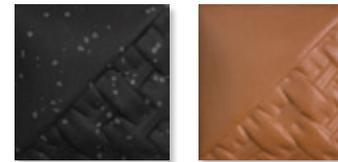


SW511 Pink Gloss SW512 Coral Gloss SW513 Brown Gloss SW514 Sage Gloss SW515 Aqua Gloss

**STONEWARE ENGOBE**



EG001 White Engobe EG002 Speckled Buff Engobe EG003 Brick Red Engobe EG004 Dark Brown Engobe EG005 Black Engobe



EG006 Sparkle Black Engobe EG007 Terracotta Engobe

## STONEWARE SPECIALTY



SW003  
Crackle Matte Clear



SW149  
Crackle White



SW403  
White Mudcrack



SW404  
Black Mudcrack



SW405  
Light Magma



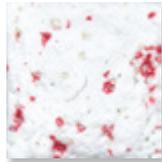
SW406  
Dark Magma



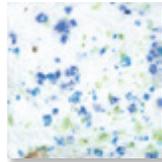
SG302  
Snowfall



SG303  
Citrus Snow Gem



SG304  
Berry Snow Gem



SG305  
Spearmint Snow Gem

## WASHES



SW301  
Iron Wash



SW303  
Manganese Wash



SW304  
Copper Wash



SW305  
Cobalt Wash

## FLUX



SW401  
Light Flux  
(over SW119 Cinnabar)



SW402  
Dark Flux  
(over SW119 Cinnabar)

Technique was achieved by brushing on two (2) layers of base glaze. Then apply two (2) layers of top glaze, letting glazes dry between coats:



SW401 Light Flux over SW112 Tiger's Eye SW167 Sand & Sea over SW402 Dark Flux

*Movement will be more pronounced at higher temperatures. Take extra care to prevent run-off by tapering your application.*

## GLAZE COMBINATIONS

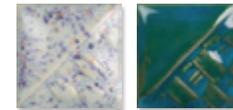
*Dramatic and exciting effects with endless glazing possibilities! Artists can achieve incredible finishes with a simple combination of two Stoneware glazes.*

SCAN ME!



Browse through 1000s of combos!

Technique was achieved by brushing on two (2) layers of base glaze. Then apply two (2) layers of top glaze, letting glazes dry between coats:



SW221 Mint Speck over SW224 Tropical Teal



SW129 Copper Float over SW187 Himalayan Salt



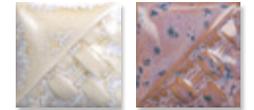
SW219 Opal Lustre over SW224 Tropical Teal



SW146 Aurora Green over SW196 Sand Dollar



SW251 Pink Opal over SW189 Cenote

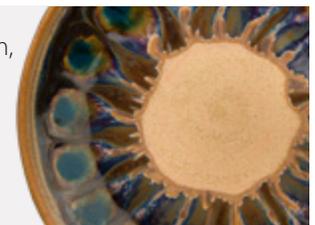


SW106 Alabaster over SW199 Purple Aster

## Get Inspired

Visit [MaycoColors.com](http://MaycoColors.com) to access our Project Library.

Explore ideas, draw inspiration, or choose your next project from our extensive project library, such as the popular peacock technique!



# Stroke & Coat<sup>®</sup>

The Creative Choice

An intermixable, versatile glaze  
perfect for the classroom or studio.



# Jungle Gems<sup>™</sup> Crystal Glaze

Featuring crystals that bloom into  
unique and beautiful surfaces. Try in  
combination with other glazes.



# Underglazes

Fundamentals<sup>®</sup> | Designer Liner | E-Z Stroke<sup>®</sup>

Vibrant color, highly versatile and  
a staple for ceramic artists.



Expand your palette with other products  
from Mayco at all firing temperatures  
(Cone 06-10 / 999-1305°C / 1830-2381°F).



**MC508E** 5/25

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