



THE COMPLETE GUIDE TO AMACO

# CLAY. GLAZES. UNDERGLAZES.

# INDEX

What's New?.....	1
AMACO History.....	2-5
Firing Chart .....	6
Safety & Icons.....	7
Applying Glaze.....	8
Glaze Additives & Aids .....	9
Layering .....	10
Clear Glaze Decision Tree .....	11
AMACO Clays.....	12-15
Underglaze .....	16-31
Velvet Underglazes.....	18-21
LUGs .....	22-23
Ceramic Printing INKs .....	24-25
Velvet Sprayz .....	26-27
SMUGs.....	28-29
Underglaze Pencil/ Chalks .....	30-31
Low Fire Glazes.....	32-39
Teacher's Palette Family .....	34-35
LG .....	36-37
Opalescent.....	38-39
Mid-High Fire Glazes.....	40-63
Potter's Choice.....	42-45
Celadon.....	46-47
Satin Matte .....	48-49
Shinos .....	50-51
High Fire .....	52
Phase Glaze .....	53
Potter's Choice Flux .....	54-55
Kiln Ice .....	56-57
Cosmos .....	58-59
Crawls .....	60-61
Dipping & Layering .....	62-63
AMACO Artists.....	64



Chandra DeBuse  
Various Celadon glazes  
Insta - @chandradebuse

# WHAT'S NEW?



**COSMOS** | Pg. 58  
5 new glazes!



**POTTER'S** | Pg. 42  
*choice*  
5 new glazes!



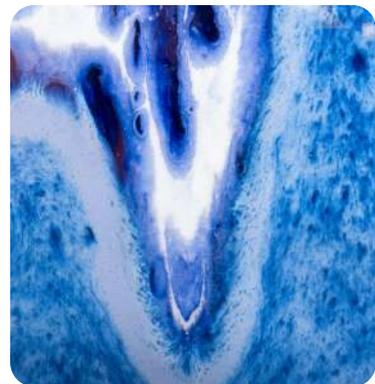
**KILN ICE** | Pg. 56  
Inspired by Guan glazes



**CRAWLS** | Pg. 60  
Multiple glaze effects in every jar



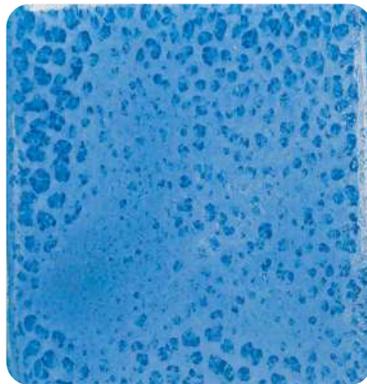
**VELVET** | Pg. 26  
*Sprays*  
Reliability of Velvets with the ease of a spray



**dipping and layering** | Pg. 62  
Dip & layer with ease



CERAMIC PRINTING  
**INKS** | Pg. 24  
Unlock creativity



**PHASE** | Pg. 53  
GLAZE | Layered looks with just one glaze

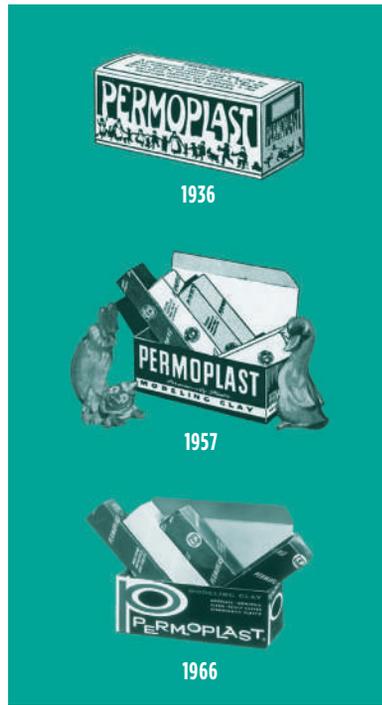


**CHOCOLATE CLAYS** | Pg. 15  
Manganese free premium clays

# MILESTONES ACROSS A CENTURY...

American Art Clay Company, Inc. (AMACO) has been a family-owned and operated company for over 100 years. To celebrate this remarkable longevity and dedication, take a look at some of the events that have helped preserve our legacy!

AMACO's facility for 75 years, across the street from the Indianapolis Motor Speedway.



**1919**

AMACO produced the first American made modeling clay called Permoplast®.

⋮

**1934**

Manufactured the first electric kiln for school and studio use.

⋮

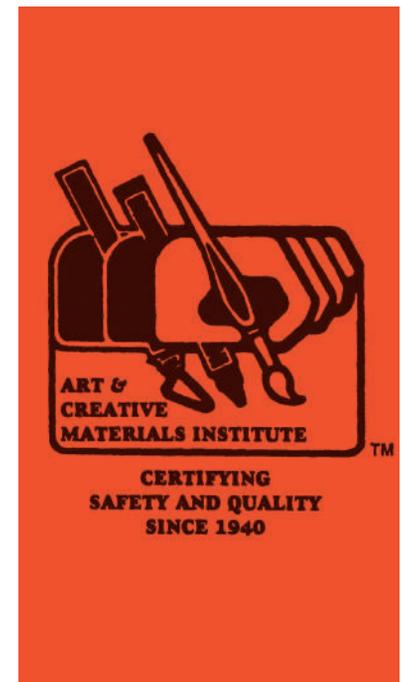
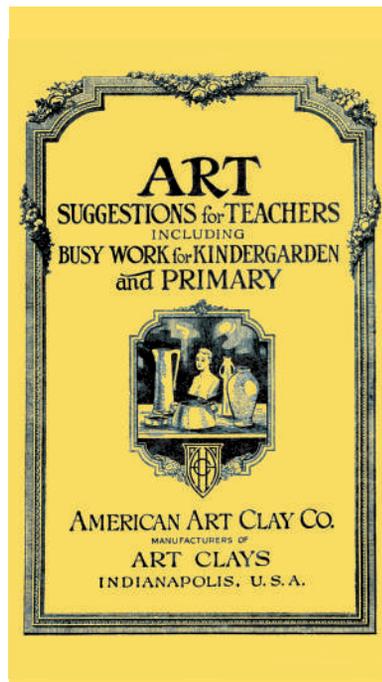
⋮

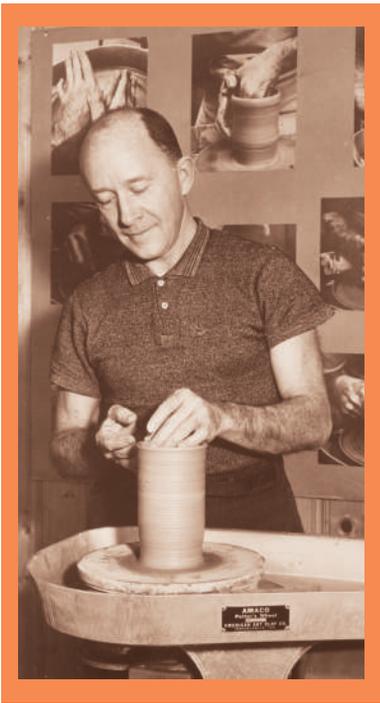
**1921**

Published first Lesson Plans for art teachers.

**1936**

Became a founding member of the Art & Creative Materials Institute.





**1947**

Made the first electric potter's wheel.

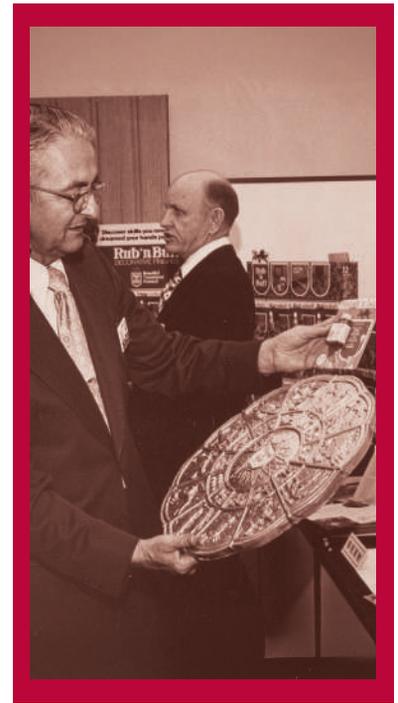
⋮



**1951**

Manufactured the first lead-free ceramic glazes.

⋮



**1964**

Launched Rub n' Buff® – the "Original" wax metallic finish.

⋮



**1950**

Began workshop series for teachers at John Herron School of Art.

⋮

**1960**

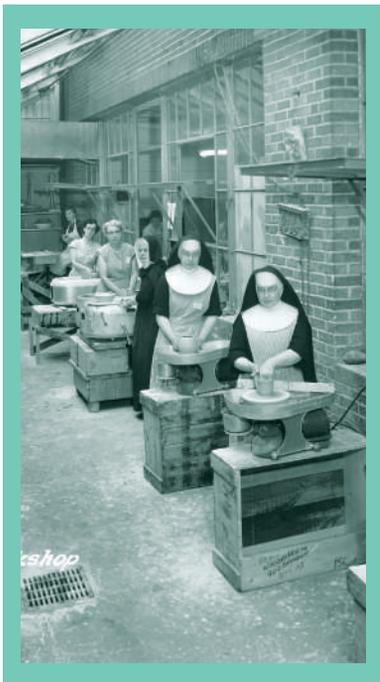
Launched the first traveling workshop nationwide.

⋮

**1976**

Established the first glaze labeling safety practices with ACMI.

⋮



**Approved Product (AP) Seal**

Check for the AP Seal on creative products for kids in sixth grade or younger.

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**Cautionary Labeling (CL) Seal**

Check for the CL Seal on creative products for kids in seventh grade or older. Never give children in sixth grade or younger a product with the CL Seal.



**1978**

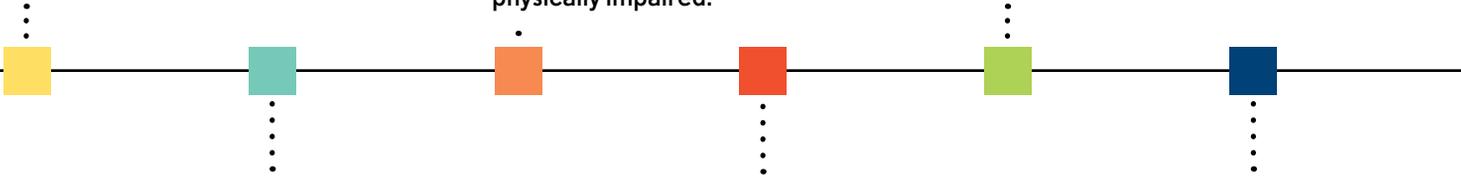
Acquired brent® Potter's Wheels and Equipment.

**1982**

Manufactured the first brent® potter's wheel designed for the physically impaired.

**2009**

Began manufacturing brent® products with recycled materials.



**1979**

Introduced the Velvet Underglazes.

**2004**

Created and released the Potter's Choice line.

**2019**

AMACO celebrated 100 years!



# THE LEGACY CONTINUES...

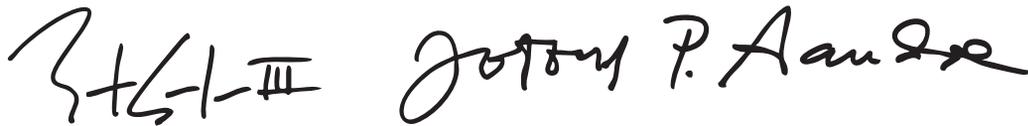
Contrary to our company's name which conjures up a faceless corporation, we are two brothers, the third generation of a family-owned business our grandfather started over a century ago. He was a pioneer in our industry—the first to introduce ceramic clays, glazes, lead-free glazes, underglazes, potters' wheels and kilns for artists in America. He was also a founding member of the Art and Creative Materials Institute which established and certified the first standards for testing the quality and safety of children's art materials.

Our father, as President of the Art and Creative Materials Institute, expanded that mandate to certify safety standards for adult art materials. (Those standards eventually became the foundation for ASTM-4236 and the Labeling for Hazardous Art Materials law which ensures the safe manufacturing, import and sales of art materials in the U.S.)

We are proud to follow in their footsteps, making safe and innovative ceramic supplies and equipment for artists of all ages. We are supported in these efforts by over one hundred dedicated and talented teammates in Shipping, Receiving, Purchasing, Sales, IT, Finance, Marketing, Manufacturing, Engineering, Maintenance, Compliance, Quality and New Product Development, many of whom are ceramic artists themselves. And we're grateful to our customers, who inspire us with their artwork and whose loyalty makes it possible for us to continue.

Bond Sandoe III

Jeff Sandoe



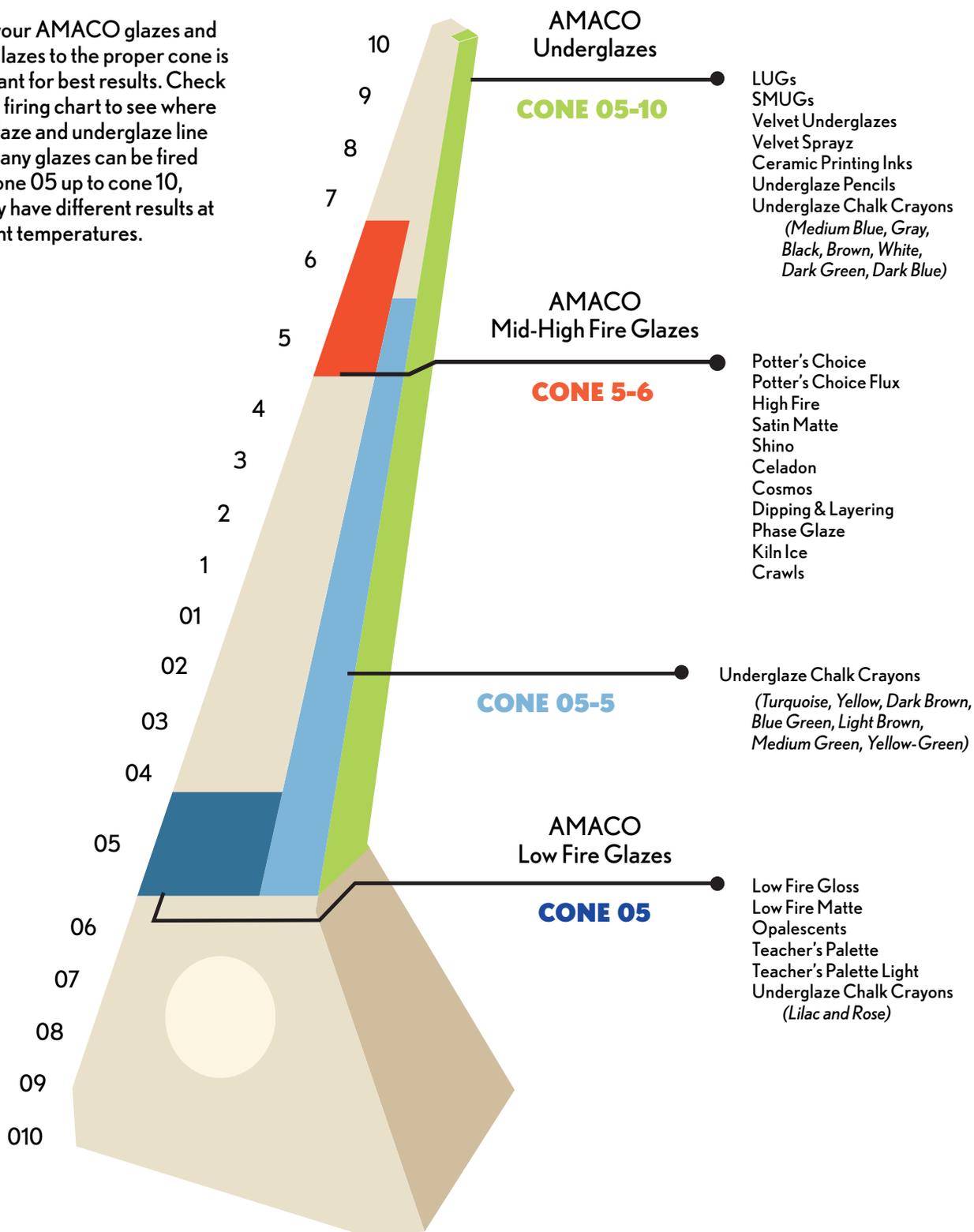
Handwritten signatures of Bond Sandoe III and Jeff Sandoe.



# FIRING CHART

Firing your AMACO glazes and underglazes to the proper cone is important for best results. Check out this firing chart to see where each glaze and underglaze line falls. Many glazes can be fired from cone 05 up to cone 10, but may have different results at different temperatures.

Cone 05 = 1046°C (at 150°C/hour for the final 100°C of firing) / 1915°F (at 270°F/hour in the final 200°F of firing)  
 Cone 5 = 1184°C (at 150°C/hour for the final 100°C of firing) / 2201°F (at 270°F/hour in the final 200°F of firing)  
 Cone 6 = 1241°C (at 150°C/hour for the final 100°C of firing) / 2266°F (at 270°F/hour in the final 200°F of firing)  
 Cone 10 = 1305°C (at 150°C/hour for the final 100°C of firing) / 2381°F (at 270°F/hour in the final 200°F of firing)



# SAFETY & ICONS

## What is ACMI?

The Art & Creative Materials Institute (ACMI) is an international association of more than 200 art, craft, and creative material manufacturers seeking to promote safety in art and creative products through its certification program. Many small companies, as well as large ones, participate in the ACMI product certification program. For over 80 years, the ACMI program for children's art materials has certified that these products are non-toxic using the AP Seal. In 1982, the program was expanded to include a much broader range of art materials, including adult products, ensuring that they are non-toxic (AP Seal) or carry appropriate health warning labels (CL Seal) where necessary.

ACMI-certified product seals (AP Approved Product and CL Cautionary Labeling) indicate that these products have been evaluated by a board-certified toxicologist (medical expert) and are labeled in accordance with federal and state art material labeling laws.



Safe for all ages  
Non-toxic to humans  
when used as intended

The Art & Creative Materials Institute  
AP (Approved Product) seal certifies  
this product to be safe for use by all ages.  
Conforms to ASTM D-4236.



Prop65 WARNING: Products labeled with a P65 warning can expose you to chemicals including silica, crystalline (airborne particles of respirable size) and titanium dioxide (airborne, unbound particles of respirable size), which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



Safe for ages  
13 and older

The Art & Creative Materials Institute CL  
(Caution Label) seal restricts this product  
from children under the age of 13. Older  
users must follow all cautionary labeling.  
Not hazardous to humans if used correctly.  
Conforms to ASTM D-4236.



= The Food Safe seal indicates that  
all FDA Guidelines for a food safe  
surface have been met.

A glaze's food safe status is not determined by  
whether it is certified "AP" or "CL".

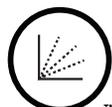
*Some glazes may be considered food safe but not  
recommended for use on food surfaces due to the  
durability of the glaze.*



= Glaze is good for mixing with  
other glazes within the line



= Glaze is good  
for layering



= Glaze is safe for  
spray application



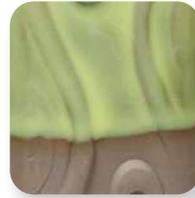
*Glazes labeled CL are not safe for spray  
application and may be labeled with this symbol*

3 key things to consider when

# APPLYING GLAZE

## 1 Clay Body

Different clay color and composition may affect how the glaze interacts with the surface during firing. This can result in differing visual and textural results from one clay body to another. We recommend firing test tiles to ensure your glaze and clay body are compatible.



C-41 Pear over AMACO 30M Milk Chocolate Clay



C-41 Pear over AMACO 32M Dark Chocolate Clay



Scan to see how different AMACO glazes look on all AMACO clay bodies!

## 2 Brush

For best glaze results, use a natural fiber fan brush such as the AMACO Fitch Fan Brush. The natural fiber bristles are ideal for soaking up glaze, allowing for a more even, smooth glaze application.



Fitch Fan Brush No. 4



Fitch Fan Brush No. 6

## 3 Application Thickness

Proper glaze thickness is key to balancing texture, sheen, and durability in a final fired piece. The color or effect of a glaze can vary based on the thickness of the glaze application. We typically recommend 3-4 coats when using AMACO brushing glazes or underglazes. Allow each coat to dry completely. Refer to individual product labels for specific information about proper application thickness.

KI-27 Glacial Lake on AMACO 30M Milk Chocolate Clay. Fired to cone 5.



1 coat



2 coats



3 coats



4 coats



5 coats



6 coats

# GLAZE ADDITIVES AND AIDS

Glaze aids, additives, and other specialty products are designed to support your ceramic process. These materials improve glaze application, performance, firing results and enhance various stages of ceramic production.



## TL-1 Low Fire Texturizer

TL-1 is a glaze changer that offers a variety of surface textures depending on the type of base glaze, broadening the glaze palette.



Cone 05



Conforms to ASTM D-4236



Safe for Spray Application



## TH-1 High Fire Texturizer

TH-1 is a rutile-based glaze changer that, when layered with other glazes, tends to produce a golden matte surface.



Cone 5/6



Conforms to ASTM D-4236



## Suspendaid

Suspendaid can be added to glazes to help prevent hard settling and achieve the consistency of dipping and pouring glazes.



Conforms to ASTM D-4236



## Gum Solution

Gum Solution can be added to glazes to improve their brushability for a more even application and slow drying time to prevent cracking on bisque.



Cone 05



Conforms to ASTM D-4236



Safe for Spray Application



## Wax Resist

Wax Resist can be applied to greenware or bisque to "resist" application of glaze, slip and underglaze.



Conforms to ASTM D-4236



## Bisque Fix

Bisque Fix is a white paste that can bond bisque pieces together or fill up broken bisque cavities.



Conforms to ASTM D-4236



## Rubber Latex

Rubber Latex is a white, liquid material that can be applied over original molds before plaster casting.



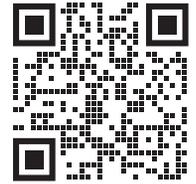
Conforms to ASTM D-4236



Not Safe for Spray Application

# LAYERING

In the world of ceramics and pottery, the layering of glazes for decorative effect can elevate your work to the next level. The effects can be unexpected and dramatic. Listed below is a quick brush coat guide for some of our most popular layering combinations. These layering recommendations are for brushing glazes only.



Scan to explore all the AMACO layering possibilities

## MID TO HIGH-FIRE LAYERING GUIDE | CONE 6

$$\frac{\text{Potter's Choice}}{\text{Potter's Choice}} = \frac{2 \text{ coats}}{2 \text{ coats}}$$

$$\frac{\text{Potter's Choice}}{\text{Celadon}} = \frac{3 \text{ coats}}{3 \text{ coats}}$$

$$\frac{\text{Phase Glaze}}{\text{Celadon}} = \frac{2 \text{ coats}}{3 \text{ coats}}$$

$$\frac{\text{Potter's Choice Flux}}{\text{Potter's Choice}} = \frac{2 \text{ coats}}{2 \text{ coats}}$$

$$\frac{\text{Potter's Choice Flux}}{\text{Celadon}} = \frac{3 \text{ coats}}{3 \text{ coats}}$$

$$\frac{\text{Crawls}}{\text{Potter's Choice}} = \frac{2 \text{ coats}}{3 \text{ coats}}$$

$$\frac{\text{Crawls}}{\text{Celadon}} = \frac{2 \text{ coats}}{3 \text{ coats}}$$

$$\frac{\text{Potter's Choice}}{\text{Shino}} = \frac{3 \text{ coats}}{3 \text{ coats}}$$

\*Coats = brushing coats only

## LAYERING EXAMPLES

### POTTER'S CHOICE / POTTER'S CHOICE



PC-15 Satin Oribe / PC-33 Iron Lustre



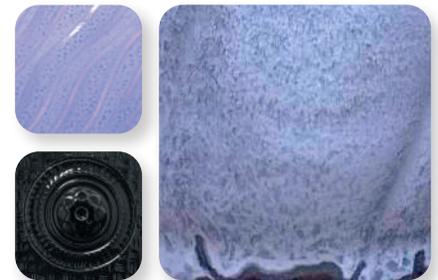
### POTTER'S CHOICE / CELADON



PC-46 Lustrous Jade / C-33 Sandalwood



### PHASE GLAZE / CELADON



PG-55 Floating Lavender / C-1 Obsidian



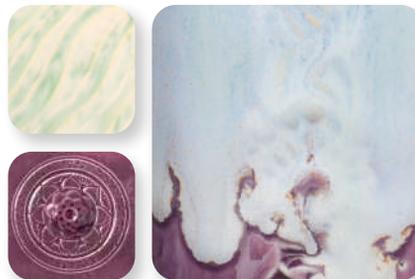
### POTTER'S CHOICE FLUX / POTTER'S CHOICE



PCF-03 Midnight Run / PC-55 Chun Plum



### POTTER'S CHOICE FLUX / CELADON



PCF-75 Moss Mist / C-57 Mulberry



### CRAWLS / POTTER'S CHOICE



CR-58 Red / PC-24 Sapphire Float



# CHOOSE YOUR CLEAR GLAZE!

Follow the decision tree below to figure out which AMACO clear glaze works best for your piece.

## START HERE!

What temperature are you firing to?

### LOW-FIRE

Cone 05

Glossy or matte?

glossy

#### LG-10 Clear Transparent

Clear Transparent is a brilliant, glossy transparent glaze that works perfectly as a studio gloss glaze.

matte

#### LM-10 Transparent Matte

Transparent Matte is a satin glaze that works well with surface decoration.

### MID-FIRE

Cone 5-7

Glossy or matte?

glossy

Use with  
underglazes?

yes

Use with  
Celadon glazes?

yes

#### C-11 Mixing Clear

Mixing Clear is a stiff gloss zinc-free glaze that works well with most underglazes.

matte

#### SM-10 Clear Satin

Clear Satin is a smooth, buttery zinc-free clear glaze that accentuates textured ware.

no

#### HF-10 Clear Transparent

HF-10 Clear is a shiny bright glaze with zinc for hardness.

no

#### HF-09 Zinc-Free Clear

Zinc-Free Clear is a glossy glaze recommended for use with underglazes to reduce the incidence of color shift.



Kenny Sprinkle  
Mixed AMACO 16M White Chocolate and 30M Milk Chocolate Clay.  
Upper third glazed with HF-09 Zinc-Free Clear. Fired to cone 5.



Ian F. Thomas  
V-360 White Underglaze  
(Left to Right) AMACO No.32 Dark  
Chocolate and No.30 Milk Chocolate Clay  
Insta - @ian\_f\_thomas

# CLAY BODIES

## Choosing the Right Clay

The clay you choose sets the tone for everything that follows. From how it feels in your hands to how it survives the kiln and interacts with glaze, the right clay can mean the difference between smooth sailing and cracked chaos. The different properties of each clay body play an important role. Firing temperature, shrinkage rates, plasticity, color, texture, and other factors affect how your work forms, fires, and ultimately performs –especially with underglazes and glazes. Taking the time to choose a clay that matches your process and firing conditions sets you up for fewer surprises and better results, allowing your surface choices and craftsmanship to truly shine.

## The AMACO Clay Advantage

AMACO clays are designed by potters and made for potters. Our clays and glazes are developed and tested together. The new AMACO Premium Mid-Range Clays expand upon this method, purposely designed to fit best with AMACO glazes and underglazes, leading to more dependable firing results so that you can focus on creating your work.

## Find Your Perfect Match



Scan to learn more about  
AMACO clay bodies and find  
the perfect match for you

# LOW FIRE CLAYS



Cone 05

## NO.25 WHITE ART CLAY

Great for handbuilding and throwing  
Works well with low fire glazes and underglazes  
Great for studio and classroom work

BISQUE  
Cone 04



CLEAR GLAZE  
LG-10 Clear Transparent, Cone 05



WHITE GLAZE  
TP-11 Cotton, Cone 05



## NO.67 SEDONA RED CLAY

Great for handbuilding and throwing  
Creates warmer and deeper glaze results



# MID-HIGH FIRE CLAYS



Cone 5-10

## NO.11 A-MIX WHITE STONEWARE

Great for handbuilding and throwing  
Translucent glazes appear brighter

BISQUE  
Cone 04



CLEAR GLAZE  
HF-9 Zinc-Free Clear, Cone 5



WHITE GLAZE  
HF-11 White, Cone 5



## NO.38 WHITE STONEWARE

Smooth white clay  
Great for throwing  
Excellent in wood firing  
Good for bright colored and transparent glazes



## NO.46 BUFF STONEWARE

Great for handbuilding and throwing  
Creates more earthy glaze results  
Ideal for utilitarian ware



## NO.77 TERRA COTTA STONEWARE

Great for sculpting  
Fires to a warm terra cotta red  
Good for raku firing





(Left to Right) Meghan Yarnell  
 Various AMACO glazes & Velvet Underglazes on  
 AMACO No.30 Milk Chocolate Clay. Fired to cone 5.  
 Insta - @meghcallie

# PREMIUM MID-RANGE CLAYS



MANGANESE-FREE

Cone 5-7

## NO.16 WHITE CHOCOLATE

Versatile and durable  
 Perfect for functional pottery and intricate sculptures  
 Smooth porcelain-like texture

## NO.30 MILK CHOCOLATE

Can be fired to cone 5 or to cone 7 for a slightly darker hue  
 Creates slightly deeper and earthy glaze results  
 Smooth porcelain-like texture

## NO.32 DARK CHOCOLATE

Can be fired to cone 5 or to cone 7 for a deeper hue  
 Creates darker and richer glaze results  
 Smooth porcelain-like texture

BISQUE  
 Cone 04



CLEAR GLAZE  
 HF-9 Zinc-Free Clear, Cone 5



WHITE GLAZE  
 C-10 Snow, Cone 5





Ariana Heinzman  
Various Velvet Underglazes  
Insta - @arianaheinzman

# UNDERGLAZES

## What is Underglaze?

**Underglaze** is a liquid clay with colorants added to it. Since they are made of the same materials as clay, underglazes do not melt like glaze and remain in place when fired. Underglazes (also called slips or engobes) can be applied to unfired clay (greenware) or bisqueware. When applied according to the manufacturer's directions, underglazes are opaque and can be used for detailed imagery. Underglazes require a food safe approved clear glaze applied and fired over them to become food-safe.

## The Underglaze Advantage

Underglazes are perfect for adding a wide range of colored detail to your work at any cone. While some colors will shift at hotter temperatures, underglazes are designed for Cone 05 all the way to Cone 10 ceramics. They can be used for everything from graphic illustrations to realistic detailing. Because they don't run or move during firing, underglazes are ideal for sgraffito, mishima, printing techniques such as stamping and screenprinting, and surface treatments like staining.

## Need inspiration?

Check out these artists on Instagram using AMACO underglazes:

- Diane Adams - @sample.haus
- Janina Myronova - @janinamyronova
- Ariana Heinzman - @arianaheinzman
- Meg Yarnell - @meghcallie
- Roberto Lugo - @robertolugowithoutwax
- Tatiana Cordona - @femalealchemy
- Austin Coudriet - @austincoudriet
- Sequoyah Johnson - @thecoycollection
- Sarah Anderson - @sarahandersonceramics

# Velvet

## UNDERGLAZES



Cone 05-10



Conforms to  
ASTM D-4236



Layering



Safe for Spray  
Application



Food Safe  
with Glaze\*

\*Approved when  
applied and fired  
under AMACO LG-10  
or HF-9 clear glazes



Select colors  
available in gallons

For a vivid underglaze palette

V-389 Flame Orange



05 5 10

V-388 Radiant Red



05 5 10

V-392 Blood Orange



05 5 10

V-383 Light Red



05 5 10

V-387 Bright Red



05 5 10

V-382 Red



05 5 10

V-323 Salmon



05 5 10

V-315 Peach



05 5 10

V-317 Coral



05 5 10

V-318 Rose



05 5 10

V-375 Maroon



05 5 10

V-379 Ultra Violet



05 5 10

V-321 Lilac



05 5 10

V-380 Violet



05 5 10

V-381 Amethyst



05 5 10

V-320 Lavender



05 5 10

V-322 Purple



05 5 10

V-325 Baby Blue



05 5 10

V-326 Medium Blue



05 5 10

V-330 Indigo



05 5 10

V-386 Electric Blue



05 5 10

V-391 Intense Yellow



05

5

10

V-308 Yellow



05

5

10

V-304 Straw



05

5

10

V-309 Deep Yellow



05

5

10

V-390 Bright Orange



05

5

10

V-384 Real Orange



05

5

10

V-350 Orange



05

5

10

V-311 Nectar



05

5

10





Janina Myronova  
 Various Velvet Underglazes  
 Insta - @janinamyronova  
 Left: *In My Dreamworld*  
 Below: *Your Sparkling Eyes*



V-345 Light Green



05 5 10

V-347 Pistachio



05 5 10

V-349 Cactus



05 5 10

V-343 Chartreuse



05 5 10

V-341 Blue Green



05 5 10

V-376 Hunter Green



05 5 10

**Velvet**  
 UNDERGLAZES

Velvety, smooth, unglazed finish with bold, vibrant color at any cone

Consistent and reliable results

Fires true to wet color

Stiff - won't run when fired

Available in 2oz or 16oz jars - some colors also available in gallons

V-333 Avocado



V-353 Dark Green



V-332 Teal Blue



V-336 Royal Blue



V-327 Turquoise Blue



V-329 Sea Glass



V-328 Iceberg Blue



V-364 Elephant



V-356 Pearl Gray



V-359 Ultra White



V-360 White



V-301 Ivory Beige



V-366 Teddy Bear Brown



V-385 Cinnamon



V-303 Terra Cotta



V-314 Chocolate Brown



V-313 Red Brown



V-361 Jet Black



V-362 Ultra Black



V-370 Velour Black



# LUGS

LIQUID UNDERGLAZES



\*Approved when applied and fired under AMACO LG-10 or HF-9 clear glazes

For a soft hued underglaze palette

Tiles are AMACO 25-M White Art Clay. Fired to Cone 05. One half of each chip is glazed with LG-10 Clear Transparent.



LUG-56  
Maroon



LUG-58  
Dark Red



LUG-51  
Rose



LUG-50  
Pink



LUG-54  
Lilac



LUG-30  
Light Brown



LUG-65  
Orange



LUG-60  
Light Yellow



LUG-61  
Bright Yellow



LUG-40  
Chartreuse



LUG-41  
Warm Green



LUG-43  
Dark Green



LUG-42  
Blue Green



LUG-26  
Aqua



LUG-25  
Turquoise



LUG-20  
Light Blue



LUG-21  
Medium Blue



LUG-22  
Dark Blue



LUG-55  
Purple



LUG-53  
Sun Tan



LUG-10  
White



LUG-15  
Warm Gray



LUG-1  
Black



(Both images)  
Eina Rieger  
Various LUGS  
Insta - @Einamade

# LUGS

LIQUID UNDERGLAZES

- Intense, saturated, opaque colors
- Great for detailed painting, sgraffito, wax resist, and mishima decoration
- Brush on wet clay, greenware, or bisque
- Vibrant colors under clear glaze
- Cover large areas quickly



# CERAMIC PRINTING INKS



Cone 05-10



Conforms to  
ASTM D-4236



Layering



Safe for Spray  
Application



Mixable



Food Safe  
with Glaze\*

\*Approved when  
applied and fired  
under AMACO LG-10

For printmaking on ceramics

Tiles are screenprinted INKS on AMACO 11-M A-Mix White Stoneware Clay. Half of each tile is glazed with AMACO HF-9 Zinc Free Clear (Cone 5/10) or AMACO LG-10 Clear Transparent (Cone 05).

## INK-09 Deep Yellow Matte



## INK-26 Medium Blue Matte



## INK-27 Turquoise Matte



## INK-74 Hunter Green Matte



## INK-87 Bright Red Matte



## INK-90 Bright Orange Matte



## INK-60 White Matte



## INK-61 Jet Black Matte





Above: Catie Miller, various INKs (Insta - @catiemillerceramics)  
Left: Sam Chumley, various INKs (Insta - @xchumleyx)



CERAMIC PRINTING  
**INKS**

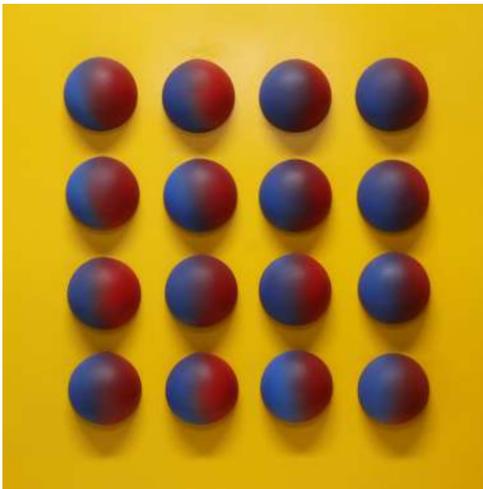
Formulated specifically for printmaking on ceramics

Great for a variety of printmaking techniques: monoprints, screenprinting, stencils, linocuts, stamps, transfers, Gelli plate prints, and more

Beautiful, bright colors that are fully mixable within the line

Available in 8 oz jars

Ready to use - no additives needed



Above: Tony Young  
VS-359 Ultra White  
Insta - @riot\_ceramics

Left: Zae Kunkel  
Various Velvet Sprayz  
Insta - @karee.pottery

# VELVET Sprayz



Cone 05-10



Conforms to  
ASTM D-4236



Layering



Safe for Spray  
Application



Food Safe  
with Glaze\*

\*Approved when applied  
and fired under AMACO  
LG-10 or HF-9 clear glazes

Spray with ease

Cone 05 tiles are AMACO 25-M White Art Clay. One half glazed with LG-10 Clear Transparent.  
Cone 5/10 tiles are AMACO 38 White Stoneware. One half glazed with HF-9 Zinc-Free Clear.



VS-387 Bright Red



05 5 10



VS-384 Real Orange



05 5 10



VS-308 Yellow



05 5 10



VS-353 Dark Green



05 5 10



VS-326 Medium Blue



05 5 10



VS-361 Jet Black



05 5 10



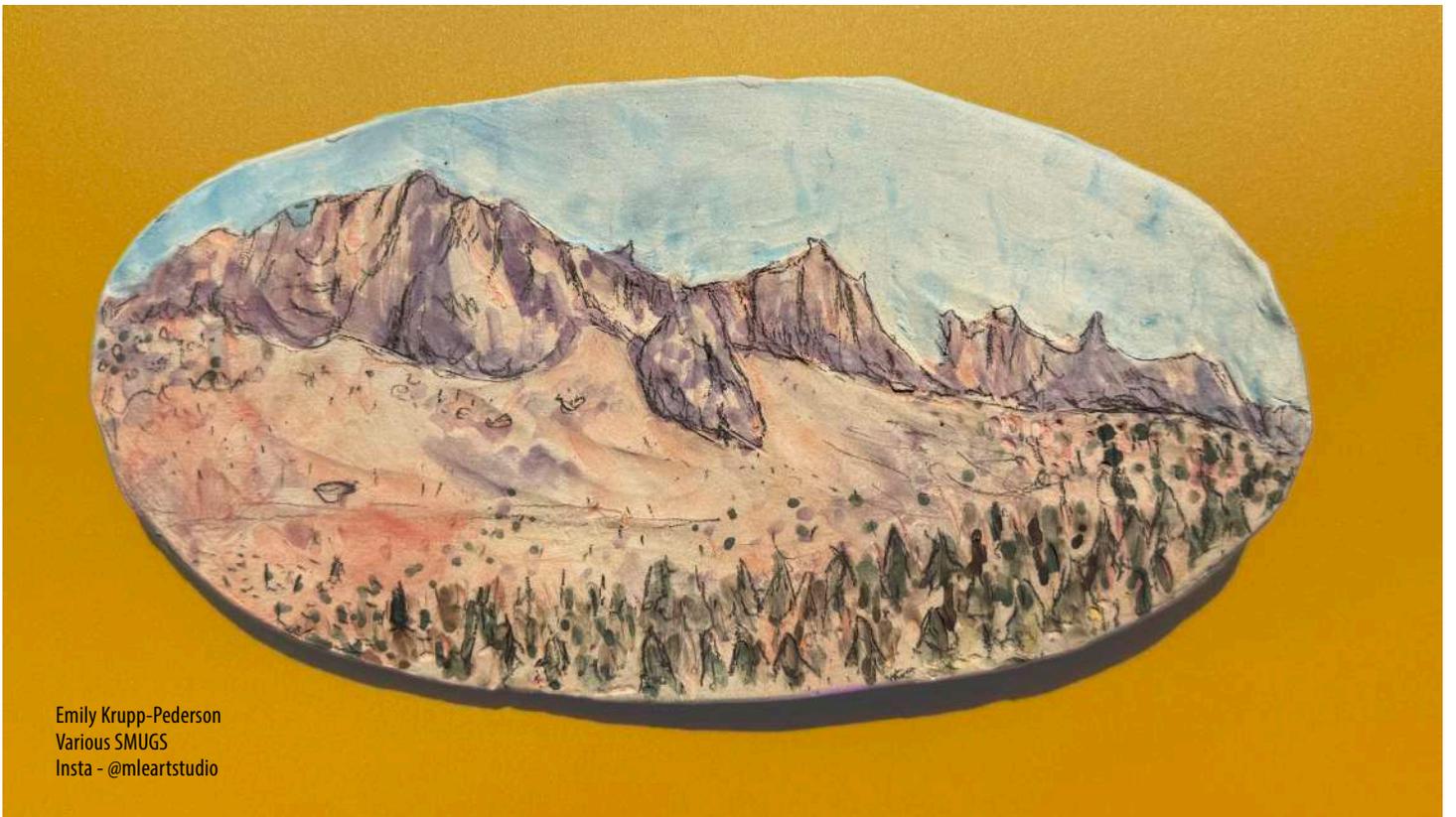
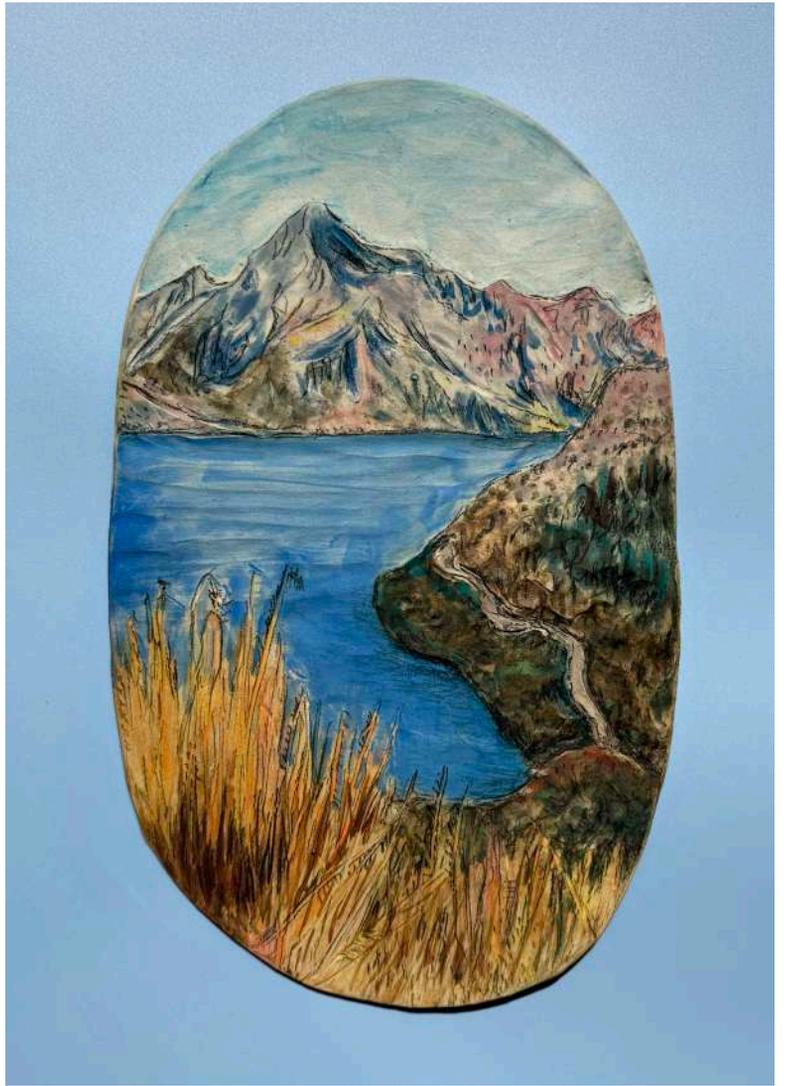
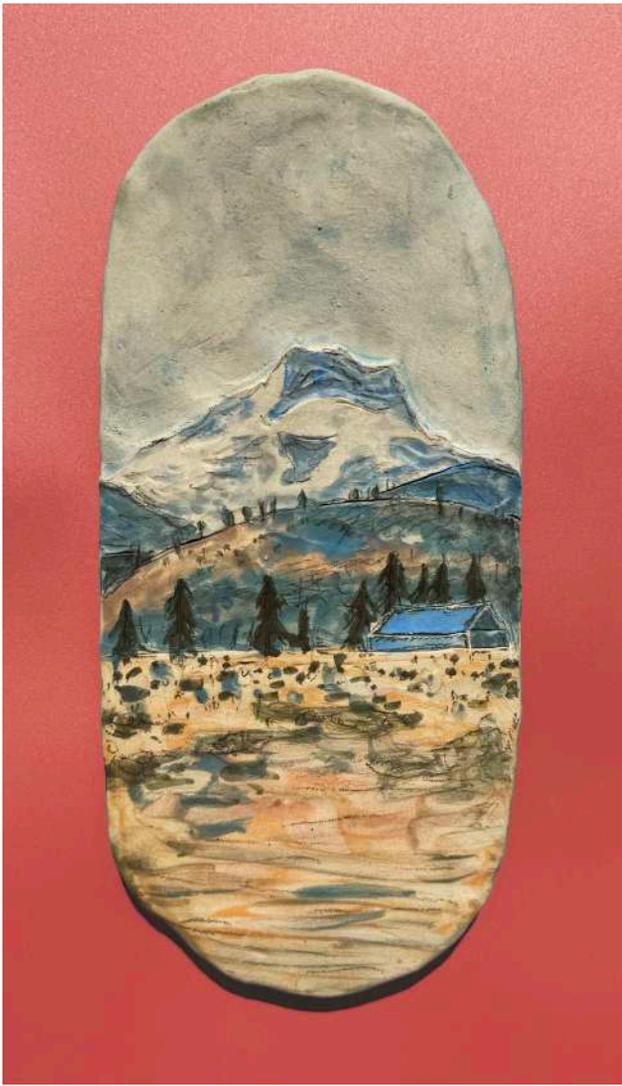
VS-359 Ultra White



05 5 10

# VELVET Sprayz

- Bold, vibrant colors at any cone
- Stiff - won't run, even when fired
- Velvety smooth unglazed finished
- Switch out the spray nozzle for different spray patterns and effects
- Great for creating full, even coverage and gradients
- Try with stencils, paper resist, and even doilies



Emily Krupp-Pederson  
Various SMUGS  
Insta - @mleartstudio

# smugs

semi-moist  
underglazes



Cone 04-10



Conforms to  
ASTM D-4236



Layering



Food Safe  
with Glaze\*

\*Approved when applied  
and fired under AMACO  
LG-10 or HF-9 clear glazes

For painterly effects

Swatches are AMACO 25-M White Art Clay. Fired to cone 05.

Semi-Moist  
Underglaze  
Pan Set

No. 108



Light Yellow



Maroon



Dark Blue



Blue Green



Dark Green



Light Brown



White



Black

Semi-Moist  
Underglaze  
Pan Set

No. 109



Bright Yellow



Pink



Lilac



Turquoise



Medium Blue



Warm Green



Mahogany Brown



Warm Gray

Semi-Moist  
Underglaze  
Pan Set

No. 110



Light Brown



Peach



Rose



Purple



Light Blue



Aqua



Chartreuse



Sun Tan

Semi-Moist  
Underglaze  
Pan Set

No. 111



Real Orange



Salmon



Light Red



Red



Violet



Amethyst



Electric Blue



Hunter Green

Semi-Moist  
Underglaze  
Pan Set

No. 112



Red



Bright Yellow



Chartreuse



Warm Green



Aqua



Medium Blue



White



Black



smugs  
semi-moist  
underglazes

Intense, saturated, opaque colors

Great for watercolor effects and fine detail

Packaged in pans, like watercolors

Pink, Maroon, Peach, Rose, and Yellow hold color up to Cone 6 -  
all other colors can be fired up to Cone 10

# UNDERGLAZE CHALK CRAYONS



Cone 05-10\*\*



Conforms to  
ASTM D-4236



Layering



Food Safe  
with Glaze\*

\*Approved when applied  
and fired under AMACO  
LG-10 or HF-9 clear glazes

\*\*Cone 05 - 5: Turquoise, Yellow,  
Dark Brown, Blue-Green, Light Brown,  
Medium Green, and Yellow-Green  
Cone 05: Rose and Lilac  
(All others are cone 05-10)

For chalk pastel effects

## Chalk Crayons Set No. 208

Tile is AMACO 25-M White Art Clay. Glazed with LG-10 Clear Transparent. Fired to Cone 05.



Rose



Yellow



Dark Green



Turquoise



Dark Blue



White



Brown



Black

## Chalk Crayons Set No. 209



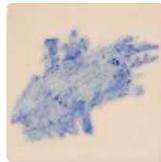
Yellow-  
Green



Medium  
Green



Blue-Green



Medium  
Blue



Lilac



Light  
Brown



Dark  
Brown



Gray



### UNDERGLAZE CHALK CRAYONS

Bright colors with chalk pastel textures

Get watercolor effects by blending the chalks with water and a brush

Blend colors by rubbing the chalks in with your fingers or a cotton swab

Sharpen your chalk to create fine lines

Dissolve small pieces of chalk in water to create liquid underglazes



# UNDERGLAZE Pencils



Cone 05-10



Conforms to  
ASTM D-4236



Layering

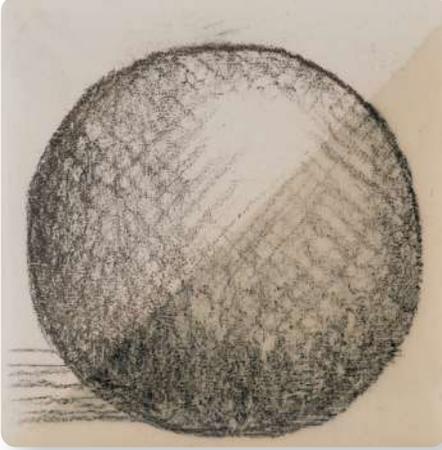


Food Safe  
with Glaze \*

\*Approved when  
applied and fired  
under AMACO LG-10  
or HF-9 clear glazes

For shading, fine line drawing, and identification

Tile is AMACO 25-M White Art Clay. Half the tile is glazed with LG-10 Clear Transparent. Fired to Cone 05.



Black

Right: Paolette Morgan  
Black Underglaze Pencil  
Insta - @paolettemorgan

Below: Rachel Donner  
Various Underglaze Chalk Crayons  
Insta - @racheladonner



## UNDERGLAZE Pencils

Versatile - wide range of uses

Great for detailed fine line drawing

Use to easily mark pieces before  
glaze firing

Fires from cone 05 to cone 10

Long lasting



Cara Moczygamba  
(Left to right) LG-63 Brilliant Yellow over LG-68 Vivid Orange,  
LG-21 Dark Blue, LG-42 Light Green over LG-45 Emerald Green  
on AMACO 25M White Art Clay. Fired to cone 05.

# LOW FIRE GLAZE

## What is Glaze?

**Glaze** is a combination of minerals similar in composition to clay that when fired melt into a hard, glass-like surface that helps seal the clay. Some glazes are meant to be decorative, some are meant to be functional. Glaze can be applied a number of ways including brushing, dipping, and spraying and must be fired in a kiln to the appropriate temperature. Usually, glaze is applied to bisqueware. Unlike underglazes, glazes melt during firing - some have a heavier flow, while others are stiff enough for detailed designs.

## What is low fire glaze?

AMACO low fire glazes are formulated to be fired at Cone 05 (around 1885°F to 1915°F). Low fire glazes have a low melting point compared to stoneware or porcelain clays and glazes.

## The Low Fire Advantage

AMACO low fire glazes provide a wide variety of finishes, colors, and translucencies. As many minerals or colorants may burn or flux out at higher temperatures, low fire glazes provide a wider, more vibrant range of colors than traditionally found in high fire lines. Additionally, while not as unmoving as underglazes, several of AMACO's low fire glaze lines (including Teacher's Palette) remain stiff enough during firing to be used similarly to paint, making them ideal for classrooms, especially introductory ceramic classes.

## Need inspiration?

Check out these artists using AMACO low fire glazes:

- Erin Furimsky - @erinfurimsky
- Justin Rothshank - @jrothshank
- Kathy Skaggs - @kathyskaggsclay
- Zach Tate - @zachtate\_artist

# TEACHER'S PALETTE® LIGHT



Cone 05



Conforms to  
ASTM D-4236



Layering



Mixable



Food Safe



Safe for Spray  
Application

*For bright, translucent color*

*Tiles are AMACO 25-M White Art Clay. Fired to Cone 05.*



TPL-59  
Ruby



TPL-66  
Fire Opal



TPL-63  
Citrine



TPL-44  
Peridot



TPL-45  
Emerald



TPL-23  
Aquamarine



TPL-27  
Zircon



TPL-28  
Sapphire



TPL-55  
Tanzanite



TPL-5  
Quartz



TPL-3  
Onyx



TPL-34  
Jasper



Kenny Sprinkle  
Various TP glazes on AMACO  
67M Sedona Red Clay.  
Fired to cone 05.  
Insta - @kensprink

# TEACHER'S PALETTE®



Cone 05



Conforms to  
ASTM D-4236



Layering



Mixable



Food Safe



Safe for Spray  
Application

*For painterly details*

*Tiles are AMACO 25-M White Art Clay. Fired to Cone 05.*



TP-52  
Raspberry



TP-58  
Brick Red



TP-56  
Scarlet



TP-64  
Carrot



TP-65  
Pumpkin



TP-30  
Caramel



TP-53  
Pig Pink



TP-62  
Maize



TP-60  
Lemon



TP-42  
Granny Smith



TP-40  
Mint Green



TP-43  
Green Leaf



TP-41  
Frog Green



TP-22  
Blue Green



TP-26  
Robin's Egg



TP-20  
Sky Blue



TP-24  
Medium Blue



TP-21  
Midnight Blue



TP-54  
Lilac



TP-51  
Grape



TP-32  
Fudge Brown



TP-11  
Cotton



TP-15  
Gray



TP-1  
Coal Black

THE  
TEACHER'S  
PALETTE®  
FAMILY

- TPLs are great over texture
- Fires true to color in the jar
- Great for painterly details
- Bold, vibrant color at cone 05
- Completely intermixable
- Can be layered without bleeding



Cone 05



Conforms to  
ASTM D-4236



Conforms to  
ASTM D-4236



Food Safe



Safe for Spray  
Application\*

\*CL glazes are not safe  
for spray application

For enhancing texture

Tiles are AMACO 25M White Art Clay. Fired to Cone 05.



LG-30  
Chocolate Brown



LG-36  
Freckled Brown



LG-65  
Amber



LG-60  
Dark Yellow



LG-760  
Pale Yellow



LG-61  
Canary Yellow



LG-63  
Brilliant Yellow



LG-68  
Vivid Orange



LG-67  
Fire Orange



LG-59  
Hot Red



LG-58  
Brilliant Red



LG-57  
Intense Red



LG-34  
Red Brown



LG-50  
Maroon



LG-52  
Petal Pink



LG-55  
Purple



LG-54  
Mulberry Red



LG-51  
Lilac



LG-20  
Medium Blue



LG-21  
Dark Blue



LG-24  
Light Blue



LG-23  
Robin's Egg



LG-25  
Turquoise Green



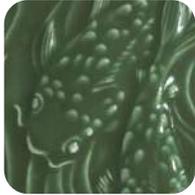
LG-26  
Turquoise



LG-46  
Leaf Green



Wide range of colors  
Vibrant, translucent color  
Glossy surfaces ideal for  
utilitarian pottery  
Great for enhancing texture



LG-40  
Dark Green



LG-44  
Olive Green



LG-45  
Emerald Green



LG-42  
Light Green



LG-10  
Clear Transparent



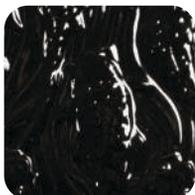
LG-11  
Opaque White



LG-14  
Gray



LG-2  
Black Lustre



LG-1  
True Black



Kenny Sprinkle  
LG-25 Turquoise Green, LG-55 Purple, LG-34 Red  
Brown, and LG-68 Vivid Orange on AMACO 25M White  
Art Clay. Fired to cone 05.  
Insta - @kensprink

# Opalescent



Cone 05



Conforms to  
ASTM D-4236



Conforms to  
ASTM D-4236



Layering



Food Safe



Safe for Spray  
Application\*

For pearl-like surfaces

\*CL glazes are not safe  
for spray application

Tiles are AMACO 67M Sedona Red Clay. Fired to Cone 05.



O-52  
Fuchsia



O-54  
Dusty Rose



O-11  
White Clover



O-10  
Transparent Pearl



O-30  
Autumn Leaf



O-12  
Tawny



O-42  
Moss Green



O-21  
Aquamarine



O-26  
Turquoise



O-20  
Bluebell



O-23  
Sapphire Blue



O-57  
Mottled Burgundy



O-2  
Black Tulip



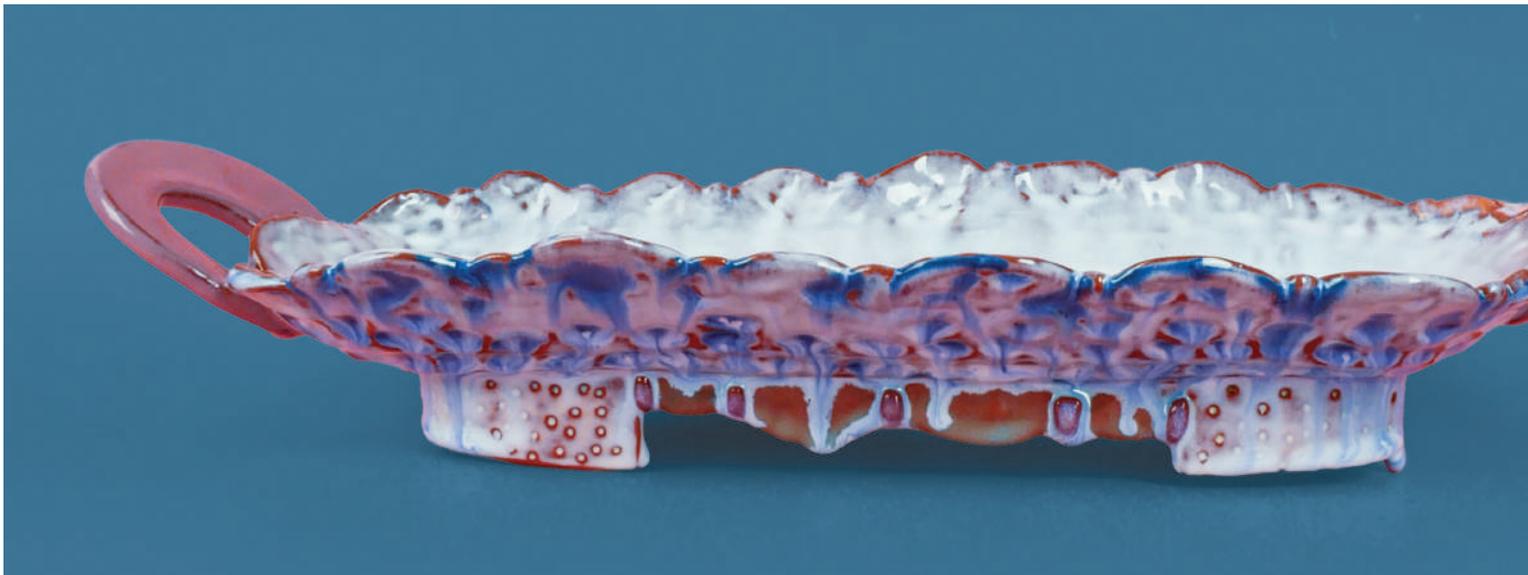
*Opalescent*

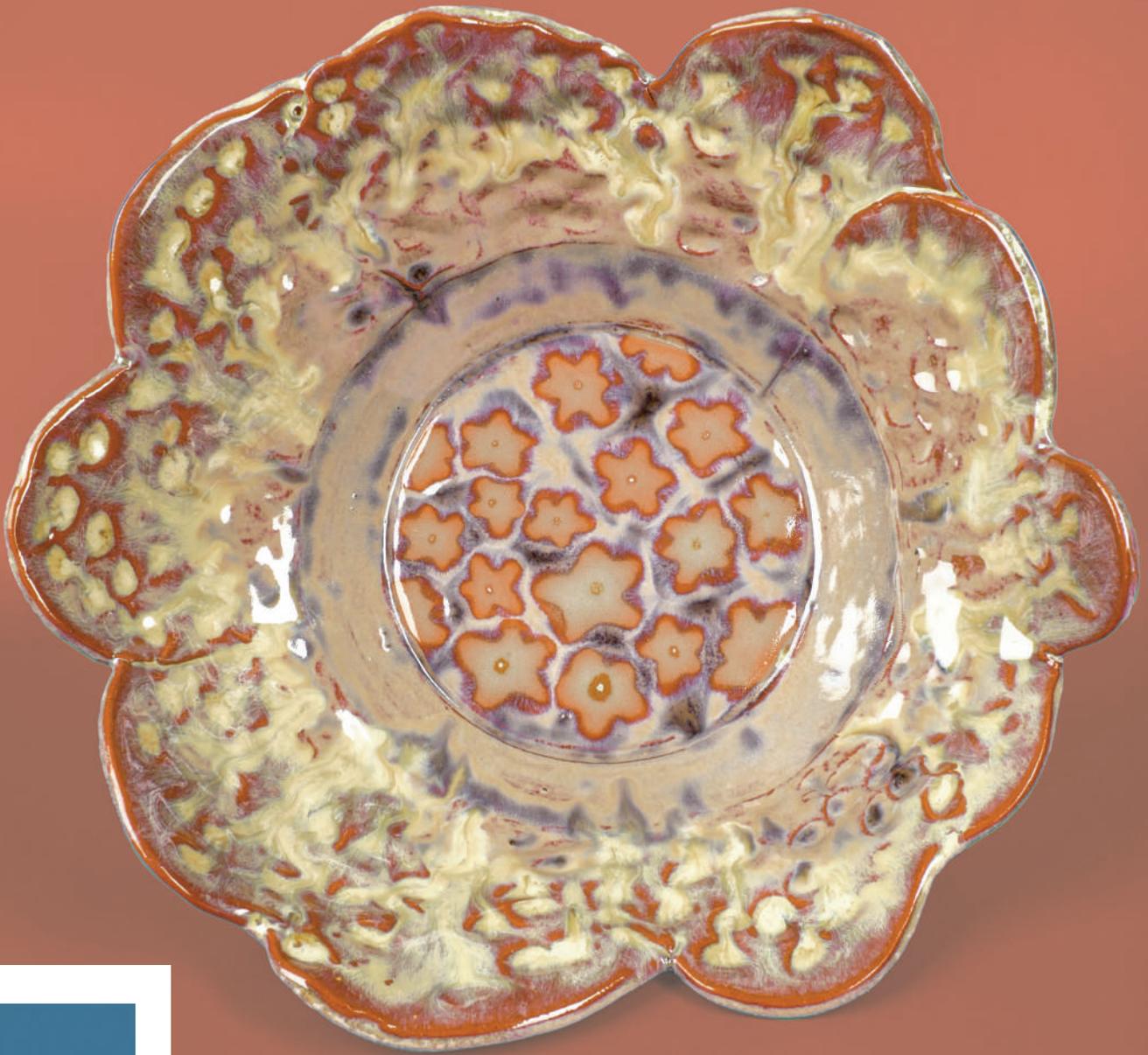
High fire looks at cone 05

Best over red clay or colored  
underglazes

Breaks and pools over texture

High gloss finish





Arielle Day  
Above: Various Opalescent glazes on 67M  
Sedona Red Clay. Fired to cone 05.  
Left: Various Opalescent glazes on 67M  
Sedona Red Clay. Fired to cone 05.  
Insta - @arielleday



# MID-HIGH FIRE GLAZES

## What is Glaze?

**Glaze** is a combination of minerals similar in composition to clay that when fired melt into a hard, glass-like surface that helps seal the clay. Some glazes are meant to be decorative, some are meant to be functional. Glaze can be applied a number of ways including brushing, dipping, and spraying and must be fired in a kiln to the appropriate temperature. Usually, glaze is applied to bisqueware. Unlike underglazes, glazes melt during firing - some have a heavier flow, while others are stiff enough for detailed designs.

## What is Mid-Fire Glaze?

AMACO mid-fire glazes are formulated to be fired between Cone 5 and Cone 6 (around 2167°F to 2232°F) but some will fire as high as Cone 10 (around 2345°F).

## The Mid High-Fire Advantage

AMACO mid high-fire glazes provide a wide variety of finishes, colors, and translucencies. They yield similar results to Cone 10 ceramic ware without the added expense or damage to your equipment. Mid- and high-fire ware is more vitreous, meaning fired pieces are more impervious to water and made to withstand wear and tear. Several of AMACO's mid-fire lines (including Potter's Choice, Shino, and Celadon) are formulated to imitate traditional glazes and are ideal for layering, opening a world of countless, unique combinations.

## Need inspiration?

Check out these artists on Instagram using AMACO underglazes:

- The Clay Plant - @theclayplant
- Kera Kult - @kera.kult
- Risa Rubin - @risarubin
- Sydnie Jimenez - @syddd.viciouss
- Samy Boulos - @seaboulos.pottery
- Hotaling Ceramics - @hotalingceramics
- Juliann Roush - @juliannroush

Humble Beginnings Ceramics  
PC-31 Oatmeal, PC-53 Ancient Jasper  
& PC-25 Textured Turquoise on black  
stoneware clay. Fired to cone 5.  
Insta - humblebeginningsceramics



Humble Beginnings Ceramics  
PC-23 Indigo Float & PC-42 Seaweed  
over PC-31 Oatmeal, tape resist, on  
black stoneware clay. Fired to cone 5.  
Insta - humblebeginningsceramics

# POTTER'S

choice



Cone 5-6



Conforms to  
ASTM D-4236



Conforms to  
ASTM D-4236



Layering



Food Safe



Safe for Spray  
Application

\*CL glazes are not safe  
for spray application

For a reduction look



Select colors  
available in gallons

Tiles are AMACO 46-M Buff Stoneware Clay. Fired to Cone 5.

## Fluid Opaque



PC-12  
Blue Midnight



PC-21  
Arctic Blue



PC-23  
Indigo Float



PC-27  
Tourmaline



PC-34  
Light Sepia



PC-36  
Ironstone



PC-43  
Toasted Sage



PC-44  
Sage



PC-46  
Lustrous Jade



PC-53  
Ancient Jasper



PC-55  
Chun Plum



PC-57  
Smokey Merlot

## Flows and Floats



PC-14  
Lapis Flow



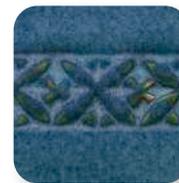
PC-17  
Honey Flux



PC-19  
Moon River



PC-20  
Blue Rutile



PC-24  
Sapphire Float



PC-25  
Textured Turquoise



PC-26  
Blue Lagoon



PC-31  
Oatmeal



PC-32  
Albany Slip Brown



PC-33  
Iron Lustre



PC-38  
Iron Yellow



PC-41  
Vert Lustre



PC-42  
Seaweed



PC-47  
Emerald Falls



PC-67  
River Rock

\*Prop65 WARNING: This product can expose you to chemicals including silica, crystalline (airborne particles of respirable size) and titanium dioxide (airborne, unbound particles of respirable size), which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.com](http://www.P65Warnings.com).



Cone 5-6



Conforms to  
ASTM D-4236



Conforms to  
ASTM D-4236



Layering



Food Safe



Safe for Spray  
Application

\*CL glazes are not safe  
for spray application

Tiles are AMACO 46-M Buff Stoneware clay. Fired to Cone 5.

**Satin**



PC-13  
Serpentine Green



PC-15  
Satin Oribe



PC-16  
Purple Crystal



PC-18  
Tuscan Blue



PC-22  
Blue Stone



PC-30  
Temmoku



PC-56  
Ancient Copper



PC-61  
Textured Amber



PC-68  
Golden Honey

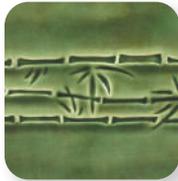
**Traditional**



PC-29  
Deep Olive  
Speckle



PC-40  
True Celadon



PC-45  
Dark Green



PC-52  
Deep Sienna  
Speckle



PC-59  
Deep Firebrick



PC-62  
Textured Amber  
Brown

**Shimmer**



PC-63  
Cosmic Tea Dust



PC-64  
Aventurine



PC-65  
Black Aventurine



PC-66  
Cosmic Oil Spot



PC-69  
Cosmic Gold Dust

**Copper Reds**



PC-70  
Copper Red



PC-71  
Flambe



PC-72  
Fire & Ice

**Heavy Float**



PC-28  
Frosted Turquoise



PC-49  
Frosted Melon

\*Prop65 WARNING: This product can expose you to chemicals including silica, crystalline (airborne particles of respirable size) and titanium dioxide (airborne, unbound particles of respirable size), which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Metallic



PC-1  
Saturation Metallic  




PC-2  
Saturation Gold  




PC-4  
Palladium  
 



PC-9  
Vintage Gold  
 



PC-48  
Art Deco Green  




PC-11  
Blue Spark  




PC-10  
June Bug  


**POTTER'S**  
choice

Mid-fire reduction looks in oxidation  
Great for layering  
Variety of colors and finishes  
Select colors available in gallons



Above: (Top Mug) PC-69 Cosmic Gold Dust over PC-19 Moon River on 16M White Chocolate clay. Fired to cone 6.

(Bottom Mug) PC-13 Serpentine Green over PC-49 Frosted Melon on 16M White Chocolate clay. Fired to cone 6.

Left: PC-14 Lapis Flow over SH-52 Hibiscus Matte on 16M White Chocolate clay. Fired to cone 6.

# Celadon



Cone 5-6



Conforms to  
ASTM D-4236



Conforms to  
ASTM D-4236



Layering



Food Safe



Mixable



Safe for Spray  
Application

\*CL glazes are not safe  
for spray application

For mixable transparent color



Available in  
10lb dry mix



Select colors  
available in gallons

Tiles are AMACO 11-M A-Mix White Stoneware Clay. Fired to cone 5.



C-41  
Pear



C-42  
Saguaro



C-43  
Wasabi



C-47  
Jade



C-49  
Rainforest



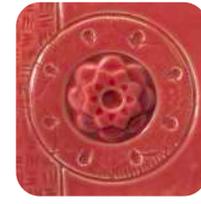
C-60  
Marigold



C-50  
Cherry Blossom



C-53  
Weeping Plum



C-54  
Snapdragon



C-55  
Poppy



C-52  
Red Rock



C-65  
Tangelo



C-33  
Sandalwood



C-36  
Iron



C-32  
Ochre



C-3  
Smoke



C-5  
Charcoal



C-1  
Obsidian



C-56  
Lavender



C-57  
Mulberry



C-29  
Deep Sea



C-25  
Downpour



C-27  
Storm



C-20  
Cobalt



C-21  
Sky

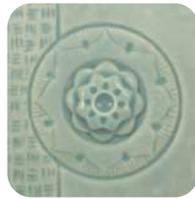




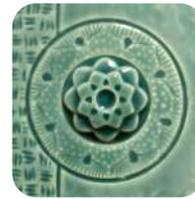
C-11  
Mixing Clear



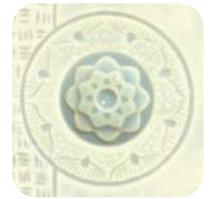
C-10  
Snow



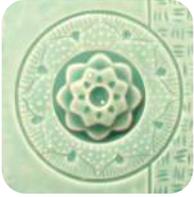
C-19  
Glacier



C-22  
Fog



C-23  
Ice



C-40  
Aqua



C-24  
Succulent



C-26  
Lagoon

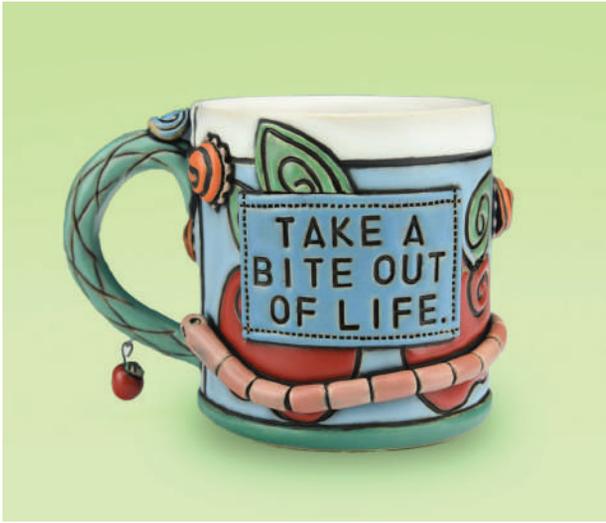


# Celadon

- Translucent, glossy finish
- Great for highlighting texture
- Stiff - won't run when fired
- Mixable colors for custom palette
- Great for layering with AMACO Potter's Choice or Crawls glazes

Chandra Debuse  
 Various Celadons  
 Insta - @chandradebuse





Juliann Roush  
Rocking Vase  
Various SM glazes on white stoneware.  
Fired to cone 5.  
Insta - @juliannroush



# SATIN MATTE



Cone 5-6



Conforms to  
ASTM D-4236



Mixable



Food Safe



Safe for Spray  
Application

*For a mixable satin feel*



Select colors  
available in gallons

Tiles are AMACO 11-M A-Mix White Stoneware Clay. Fired to Cone 5.



SM-51  
Red



SM-53  
Cayenne



SM-68  
Orange



SM-60  
Goldenrod



SM-63  
Yellow



SM-44  
Chartreuse



SM-42  
Mint



SM-46  
Moss



SM-27  
Teal



SM-29  
Blue Green



SM-20  
Light Blue



SM-24  
Seafoam



SM-21  
Dark Blue



SM-2  
Stone



SM-3  
Marble



SM-11  
White



SM-10  
Clear Satin



SM-1  
Black



Silky smooth glaze surface

All glaze colors are food safe

Fully mixable within the line for  
custom colors

Juliann Roush

(TOP Left to Right) Take a Bite Out of Life & Singing Butter Dish

(Left) A Rose is A Rose

Various SM glazes on white stoneware. Fired to cone 5.

Insta - @juliannroush

# Shines



Cone 5-6



Conforms to  
ASTM D-4236



Layering



Food Safe



Safe for Spray  
Application

For a mottled, sophisticated look

## Gloss

Tiles are AMACO 11-M A-Mix White Stoneware Clay Fired to Cone 5.



SH-11  
Chai Gloss



SH-21  
Acai Gloss



SH-31  
Cacao Gloss



SH-41  
Oolong Gloss



SH-45  
Matcha Gloss



SH-51  
Hibiscus Gloss

## Matte



SH-12  
Chai Matte



SH-22  
Acai Matte



SH-32  
Cacao Matte



SH-42  
Oolong Matte



SH-46  
Matcha Matte



SH-52  
Hibiscus Matte



Traditional "tea-ceremony bowl"  
aesthetic at mid-fire temperatures

Compatible with various clay bodies

Infinite layering possibilities

Great for smooth or textured surfaces



Kenny Sprinkle  
SH-45 Matcha Matte on AMACO  
11M A-Mix White Stoneware clay  
Insta - @kensprink

Kenny Sprinkle  
SH-31 Cacao Gloss on Standard  
153 Stoneware Clay.  
Insta - @kensprink



# High Fire



Cone 5-6



Conforms to  
ASTM D-4236



Conforms to  
ASTM D-4236



Layering



Food Safe



Safe for Spray  
Application \*

For opaque vivid color

\*CL glazes are not safe  
for spray application.

Tiles are AMACO 11-M A-Mix White Stoneware Clay. Fired to Cone 5.



HF-56  
Red Gloss



HF-165  
Scarlet Red



HF-55  
Coral Gloss



HF-167  
Clementine



HF-166  
Orangerie



HF-161  
Bright Yellow



HF-142  
Chartreuse



HF-125  
Turquoise



HF-26  
Sahara Turquoise [matte]



HF-129  
Baby Blue



HF-127  
China Blue



HF-170  
Lilac



HF-171  
Amethyst



HF-1  
Black



HF-11  
White



HF-9  
Zinc-Free Clear



HF-10  
Clear



Available in  
dipping buckets



Dani Pugel  
HF-167 Clementine, HF-166  
Orangerie, and HF-129 Baby Blue  
Insta - @doonipagooni

## High Fire

Bright, vivid, and opaque colors

Works great as a liner glaze

Stable glaze - great for creating crisp designs

Great for use as a base when layering with  
more flowy glazes

Get unique results by using the HFs in wood,  
soda, and salt firings at temps up to cone 12

# PHASE

G L A Z E



Cone 5-6



Conforms to  
ASTM D-4236



Conforms to  
ASTM D-4236



Layering



Food Safe



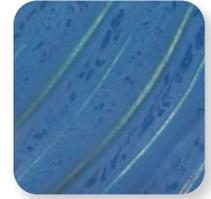
Safe for Spray  
Application\*

\*CL glazes are  
not safe for spray  
application.

Where surface speaks volumes



Phase glazes over C-1 Obsidian on AMACO 11M  
A-Mix White Stoneware Clay. Fired to Cone 5.



PG-24  
Night Rain



PG-42  
Teal Drift



PG-54  
Lunar Pink



PG-55  
Floating Lavender



Tiles are AMACO 11-M A-Mix White  
Stoneware Clay. Fired to Cone 5.

PHASE  
G L A Z E

- Create a layered look with a single glaze
- Mixable colors for a custom palette
- Great for layering with AMACO Celadons or Potter's Choice glaze
- Adds visual texture to any layering combo
- Has enough flow to create movement

# POTTER'S choice FLUX



Cone 5-6



Conforms to  
ASTM D-4236



Conforms to  
ASTM D-4236



Layering



Food Safe



Safe for Spray  
Application\*

\*CL glazes are  
not safe for spray  
application.

*Designed for movement and flow*

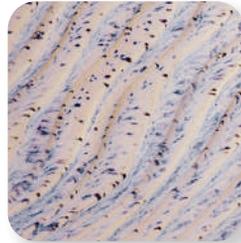


Select colors  
available in gallons

Tiles are AMACO 11-M A-Mix White Stoneware Clay. Fired to Cone 5.



PCF-3  
Midnight Run



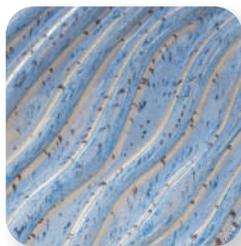
PCF-16  
Aurora Breeze



PCF-18  
Honeydew



PCF-19  
Cirrus Flow



PCF-21  
Ocean Drift



PCF-33  
Mystic Tide



PCF-36  
Rose Mist



PCF-54  
Flux Blossom



PCF-60  
Sunbeam



PCF-63  
Sun Shower



PCF-74  
River Birch



PCF-75  
Moss Mist



Designed to create beautiful flow

Great for textured surfaces

Perfect for layering

Variety of colors and surfaces



Left side down: PC-55 Chun Plum over PCF-21 Ocean Drift, PCF-54 Flux Blossom, and PCF-63 Sun Shower.  
Right side down: PC-55 Chun Plum over PCF-33 Mystic Tide, PCF-60 Sunbeam, and PCF-16 Aurora Breeze.  
All on AMACO 11-M A-Mix White Stoneware Clay.  
Fired to cone 6.



## KILN ICE

Achieve the visual effect of traditional Guan Ware

Unique patterns - the crackle effect resembles ice

Dynamic interaction - the crackle pattern emphasizes curves, edges, and contours

Variety of colors and aesthetic versatility

Above: George Debikey  
Various glazes with  
KI-27 Glacial Lake.

# KILN ICE



Cone 5-6



Conforms to  
ASTM D-4236



Conforms to  
ASTM D-4236



Food Safe

*\*Not recommended for  
food surfaces due to  
durability of the glazes.*

*For an icy crackle effect*



*Tiles are glazed on AMACO 32M Dark Chocolate Clay. Fired to Cone 5.*



KI-11  
Snow Drift



KI-18  
Arctic Blush



KI-21  
Winter Glass



KI-27  
Glacial Lake



KI-46  
Frozen Fern



KI-68  
Honey Crystal



Kenny Sprinkle

Left: KI-18 Arctic Blush on 32M Dark Chocolate Clay.

Right: KI-68 Honey Crystal on 32M Dark Chocolate Clay.

Fired to cone 5.

# COSMOS



Cone 5-6



Conforms to  
ASTM D-4236



Conforms to  
ASTM D-4236



Food Safe

*\*Not recommended  
for food surfaces  
due to durability of  
the glazes.*

Glazes that are out of this world

Tiles are AMACO16M White Chocolate Clay. Fired to Cone 5.



CO-3  
Event Horizon



CO-5  
Dark Matter



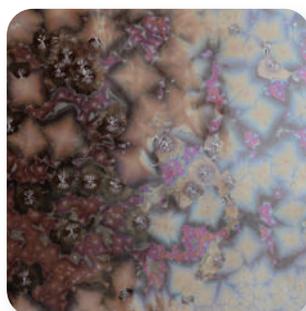
CO-6  
Supernova



CO-7  
Solar Flare



CO-8  
Dark Star



CO-14  
Solar Rainbow



CO-21  
Galactic Glacier



CO-24  
Blue Starlight

COSMOS

Iridescent, crystalline effects right out of the jar

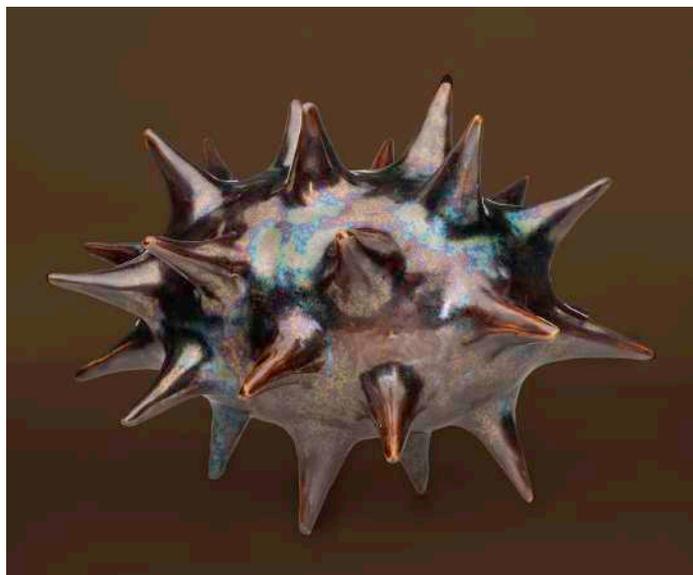
Grows dramatic crystals fast - no hold necessary

Variety of colors and aesthetic versatility

Layer with Velvet Underglazes for surprising results

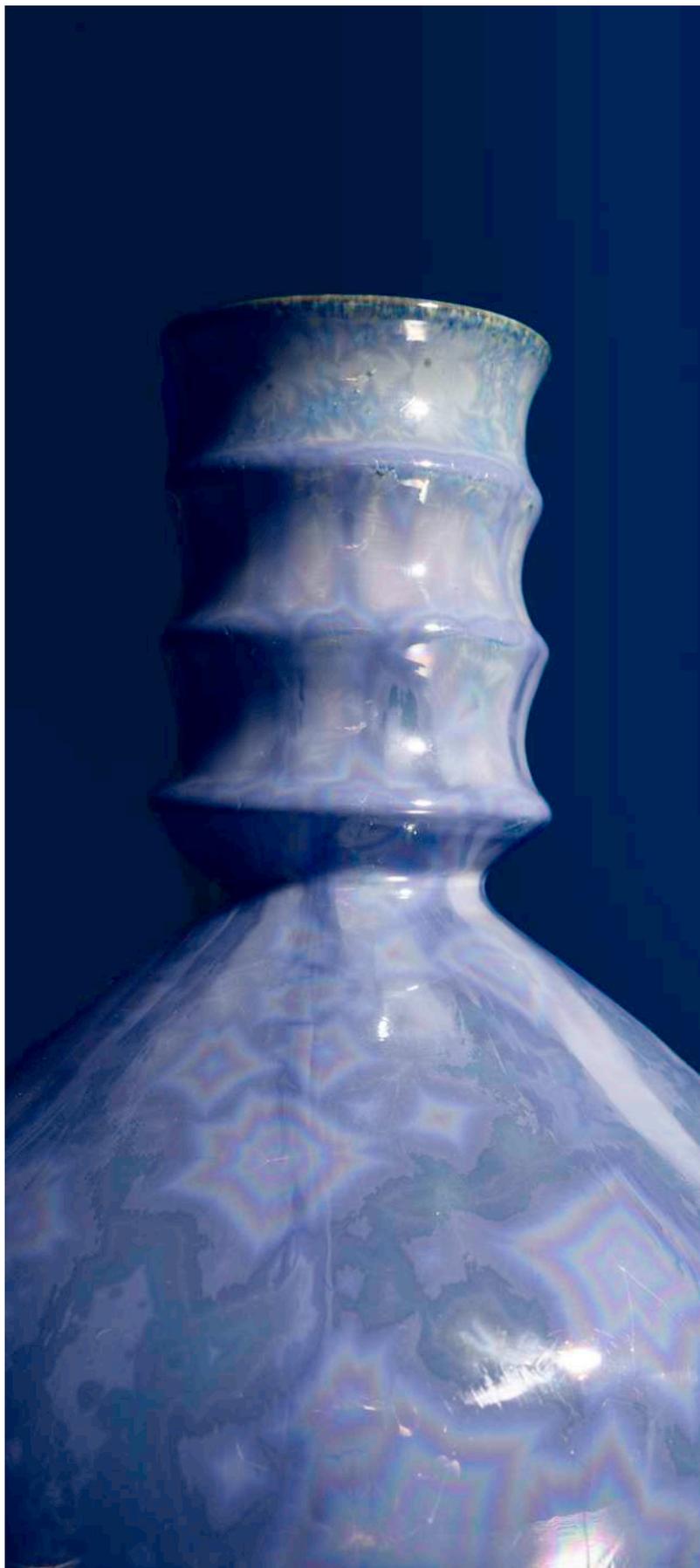


For more tips and tricks for using the Cosmos, including the up-down firing schedule used for this piece, scan the QR code!



Cara Moczygemba  
CO-6 Dark Star on AMACO11-M A-Mix  
White Stoneware Clay. Fired to cone 6.

Below: Kenny Sprinkle  
CO-21 Galactic Glacier on AMACO16M  
White Chocolate Clay. Fired to cone 6.



Above: Kenny Sprinkle  
CO-3 Event Horizon  
on AMACO 16M Milk  
Chocolate Clay.  
Fired to Cone 6.



Kenny Sprinkle  
Above: (top) CR-41 Lime over PC-14 Lapis Flow (bottom) CR-22  
Speckled Teal and CR-54 Purple over PC-18 Tuscan Blue  
Left: Various CR glazes over Velvet Underglaze with (from left to right)  
PC-49 Frosted Melon, PC-14 Lapis Flow, and PC-69 Cosmic Gold Dust  
Insta - @kensprink

# CRAWLS



Cone 5-6



Conforms to  
ASTM D-4236



Layering



Mixable



Food Safe

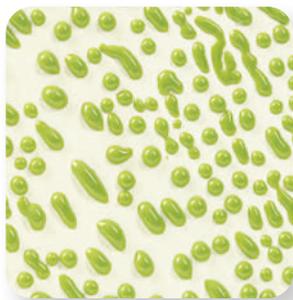
\*Food safe when  
applied over an  
AMACO Celadon

Embrace spontaneity

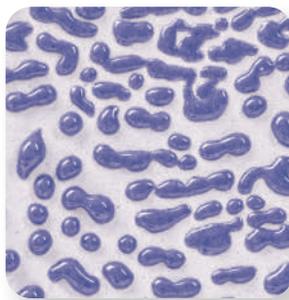
Tiles are AMACO 11-M A-Mix White Stoneware Clay. Layered over V-360. Except CR-12, which is over V-362. All fired to Cone 6.



CR-1 Black



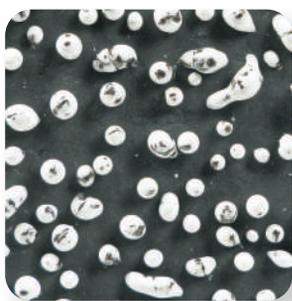
CR-41 Lime



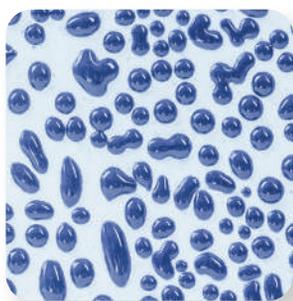
CR-54 Purple



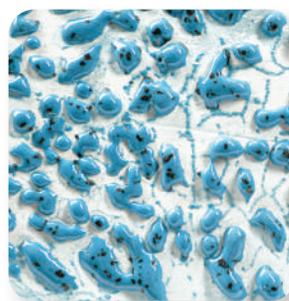
CR-58 Red



CR-12 Speckled White



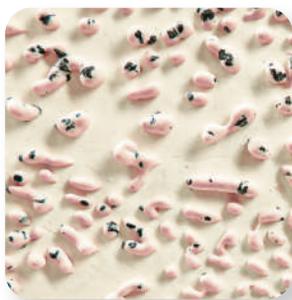
CR-20 Dark Blue



CR-22 Speckled Teal



CR-61 Speckled Yellow



CR-51 Speckled Pink



CR-17 Flux Crawl



CR-18 Speckled  
Flux Crawl

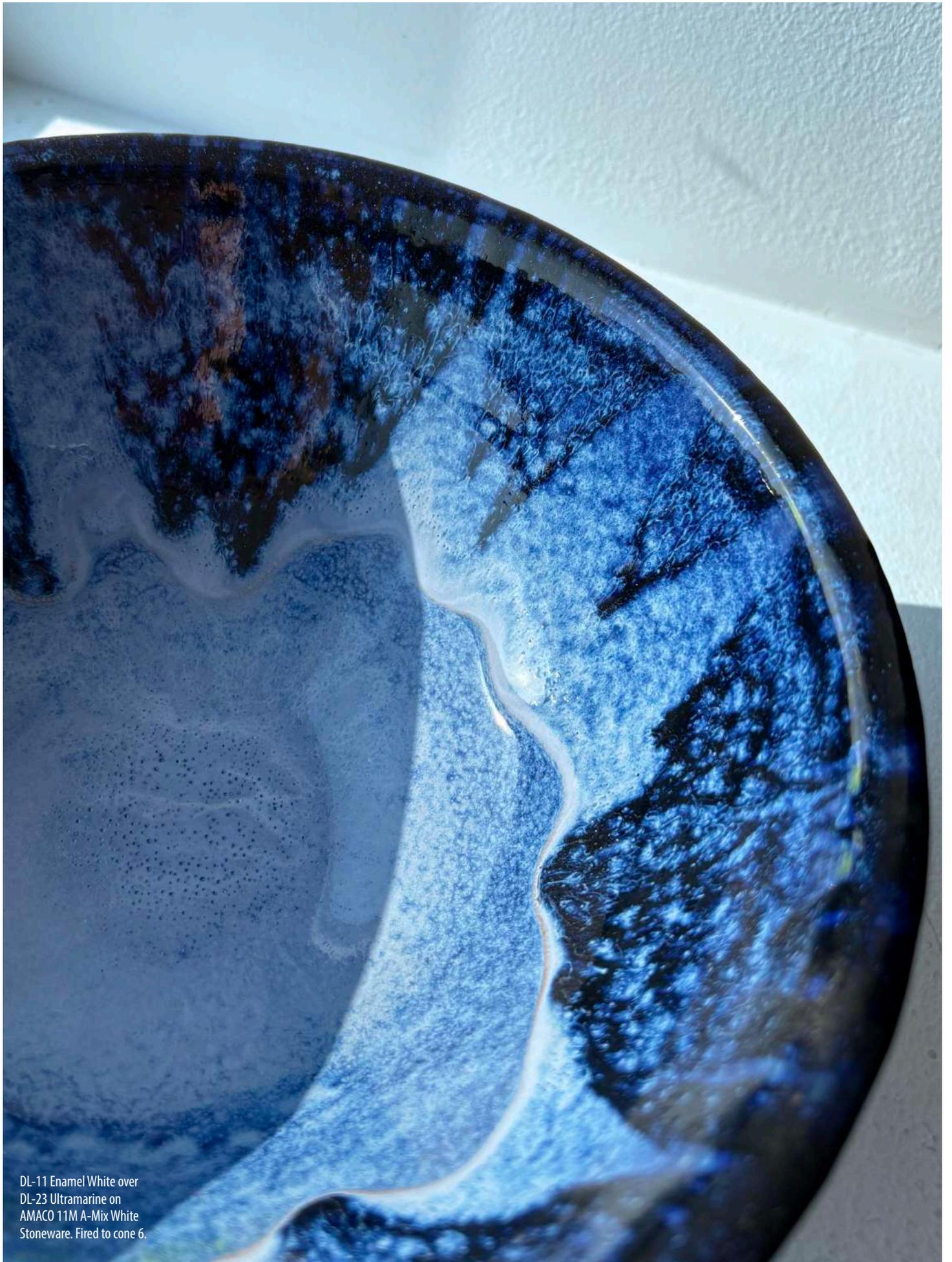
# CRAWLS

Create distinctive, one-of-a-kind finishes

Versatile - create a variety of different effects, from classic Crawls beads to stunning layered color, by layering over other AMACO glazes and underglazes

Layer the Crawls over AMACO Celadons for a crackle effect

Secret weapon for incredible layering combos!



DL-11 Enamel White over  
DL-23 Ultramarine on  
AMACO 11M A-Mix White  
Stoneware. Fired to cone 6.

# dipping and layering



Cone 5-6



Conforms to  
ASTM D-4236



Conforms to  
ASTM D-4236



Layering



Food Safe



P65

*Designed to be dipped and layered with ease*

Tiles are AMACO 11-M A-Mix White Stoneware Clay. Fired to Cone 5.



DL-1  
Ebony



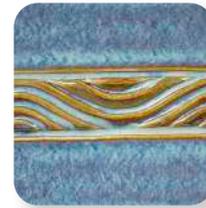
DL-10  
Gloss Clear



DL-11  
Enamel White



DL-12  
Midnight Blue



DL-20  
Floating Blue



DL-23  
Ultramarine



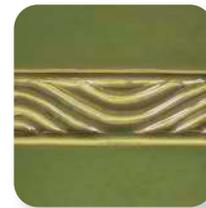
DL-25  
Coastline



DL-27  
Storm Cloud



DL-33  
Low Tide



DL-42  
River Moss



DL-57  
Mulberry Mist



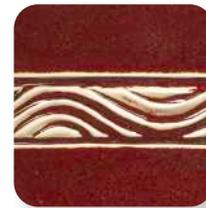
DL-59  
Brick Red



DL-60  
Honeycomb



DL-63  
Stardust



DL-70  
Oxblood



**\*Prop65 WARNING:** This product can expose you to chemicals including silica, crystalline (airborne particles of respirable size) and titanium dioxide (airborne, unbound particles of respirable size), which are known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

dipping  
and  
layering

Just add water! Glaze comes with dry mix, label, and instructions

Consistent and reliable results

Endless layering options

Ease of application—faster than brushing

Perfect for production studios and classrooms

# AMACO ARTISTS

Thank you to all the artists who use and love AMACO brand products. We could not do this without you. A special thank you to all who made this document possible by showcasing their art.



**EINA REINER**  
Pg. 23 @einamade



**DANI PUGEL**  
"As an artist that prides herself on clean, consistently bright colors, I love the HF Sahara series from Amaco. I can always rely on Amaco products to be the right consistency, color, and surface for my work. As an added bonus, the underglazes are just to die for!"  
Pg. 52 @doonipagooni



**JANINA MYRONOVA**  
"I love using Amaco Underglazes because they provide me with exactly what I need to bring my artistic vision to life. In my work, I strive to tell stories, and for that, having reliable colors is crucial. Each piece I create is a narrative, and the colors I choose play a vital role in conveying the emotions and themes of those stories."  
Pg. 20 @janinamyronova

**CATIE MILLER**  
"Clay can be unpredictable, but my color never is—Amaco Inks are reliably consistent, with endless color potential."  
Pg. 25  
@catiemillerceramics



**ANIKA MAJOR**  
"I love Amaco products because of the vibrant colors, reliability, and how many amazing underglazes, pencils, and inks are available for all the different ways I want to use them! They're super pigmented and work great for my process of decorating on bone dry. The new Inks worked so well with my screen printing process..."  
@anikamajor



**SAM CHUMLEY**  
"I really like working with Amaco Inks to screen print linework and various layers for my imagery. By using high mesh count screens and the dense Amaco Inks, I can get a really fine line quality with my prints, that you can't get in other ways...I just see the Amaco Inks as another tool in my toolbox."  
Pg. 25 @xchumleyx



**RACHEL DONNER**  
"I love working with Amaco's products because of the vibrant colors and their consistent quality and reliability."  
Pg. 30 @racheladonner



**TONY YOUNG**  
Pg. 26 @riot\_ceramics

**EMILY YANG**  
"I enjoy working with Amaco printing Inks because their rich colors hold up beautifully across different kinds of firings, whether wood-fired or electric!"  
@studioemilyyang



**ARIELLE DAY**  
"The variety of results I can get with Amaco glazes is limitless. Even at low-fire, you can get atmospheric looks that can be repeatable with the Opalscents which are my personal favorite. The saturation and reliability of the colors is a must in my work which is why I stick with these glazes."  
Pg. 38 @arielleday



**MICHAEL HALL**  
Pg. 19  
@michael.hall.pottery



**CHANDRA DEBUSSE**  
"The translucent color of Amaco Celadon Glazes gives clarity and depth to my designs. I especially love the versatility of the Celadon line. They are great straight out of the bottle, or can be modified by mixing colors. I often add a little mixing clear to achieve paler colors or apply several coats to get more saturated areas."  
Pg. 1, 40, 47 @chandradebusse

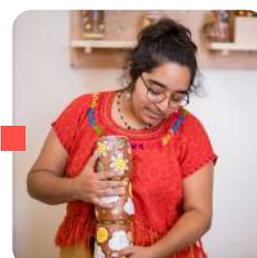


**KENNY SPRINKLE**  
"I started to really get into texturizing my ceramics during my experience teaching art at the Indiana School for the Blind and Visually Impaired. Amaco's Shino Glazes, especially the matte ones, have become my go-to glazes for rustic earth tones and accentuating the surfaces of my pieces."  
Pg. 34, 37, 51 @kensprink

**HOTALING CERAMICS**  
"We like using Amaco products on our work for the reliability and versatility of the product. It's rare we use just one glaze on a piece. Amaco makes mixing and layering glazes easy with predictable results."  
@hotalingceramics



**LAURA CASAS**  
"I love working with Amaco's products because of the vibrant colors and their consistent quality and reliability."  
@casas.studios





**WE ARE HERE  
TO HELP!**

Contact our Technical Support team  
with any glaze or equipment questions.

Monday-Friday

9:00 a.m. - 4:00 p.m., Eastern Time Zone

Email: [customercare@amaco.com](mailto:customercare@amaco.com)

Toll Free: (800) 999-5456

Local: (317) 683-1303



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@amaco\_brent