

2025

FIELD

GUIDE

Clay. Glazes. Underglazes.



INDEX

Firing chart 1

Application & Layering 2-5

Clays..... 6-11

 Low Fire Clay 6-7

 High Fire Clay 8-9

 Premium Mid-Range 10-11

Underglaze 12-25

 LUGs 14

 SMUGs 15

 Velvet Underglaze..... 16-19

 Velvet Sprayz..... 20-21

 Ceramic Printing Inks 22-23

 Underglaze Pencil/ Chalks..... 24-25

Low Fire Glazes 26-33

 Teacher’s Palette 28

 Teacher’s Palette Light 29

 LG..... 30-31

 Low Fire Matt 32

 Opalescent 32-33

 Dipping Glazes 32

Mid-High Fire Glazes 34-57

 Phase Glaze..... 36

 High Fire 37

 Texturizer 37

 Satin Matte 38-39

 Shino..... 40-41

 Potter’s Choice..... 42-45

 Potter’s Choice Flux..... 46-47

 Celadon 48-49

 Cosmos 50-51

 Dipping & Layering 52-53

 Kiln Ice..... 54-55

 Crawls..... 56-57

AMACO Resources..... 58-59

Notes 60-61

SAFETY



= Glazes identified with circle tiles with a cream rule in this booklet do not carry any seal but include the wording “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”.



Glazes identified with this version of the Food Safe icon are not food safe.



=  Safe for all ages

AP glazes are identified with circle tiles in this booklet. 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.



=  Safe for ages 13 and older

CL glazes are identified with octagon tiles in this booklet. 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. Conforms to ASTM D-4236.

OTHER ICONS



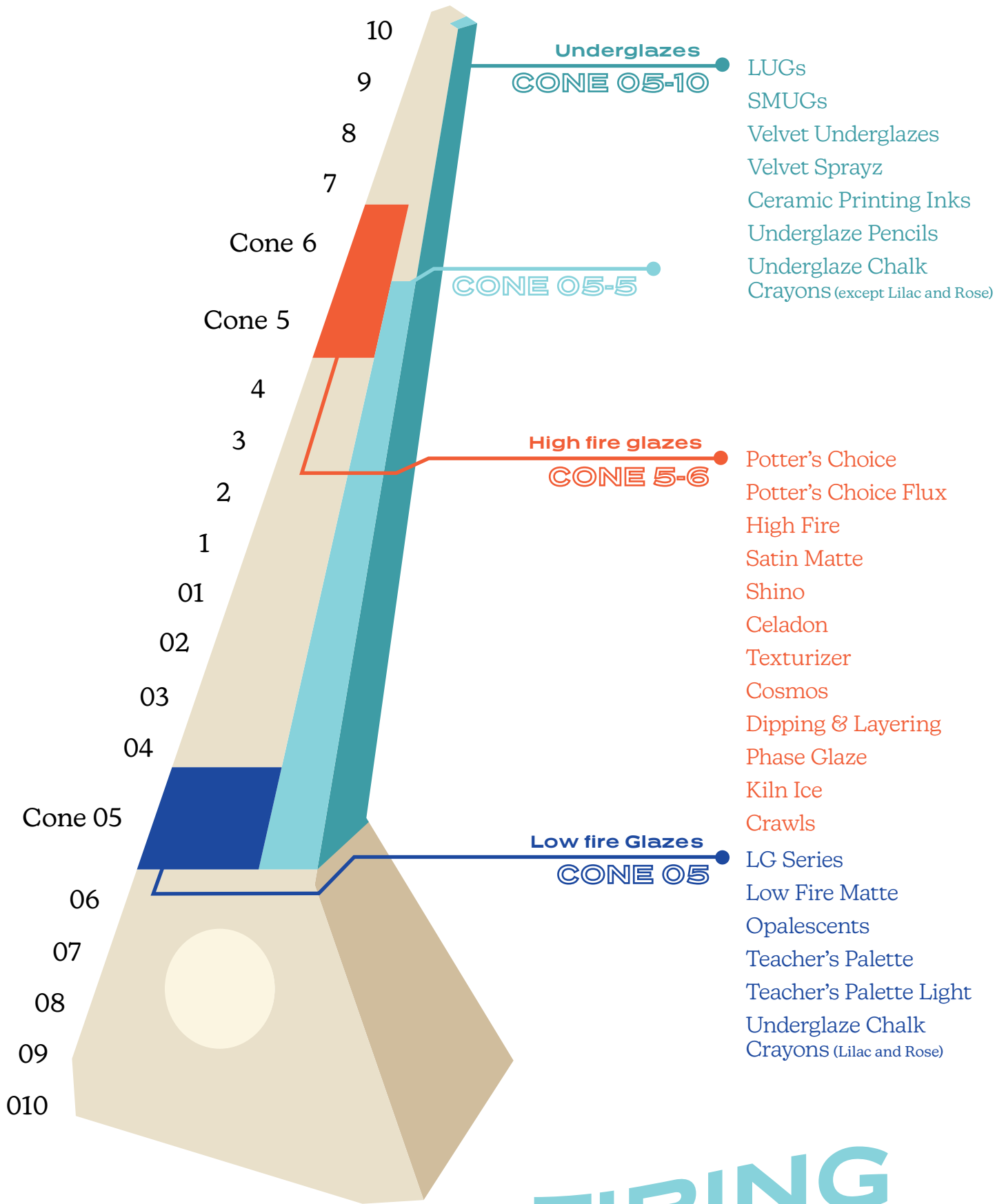
= Glaze is good for mixing with other glazes within the line



= Glaze is good for layering



= Glaze is safe for spray application



FIRING CHART

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)

3 key things to consider when

APPLYING GLAZE

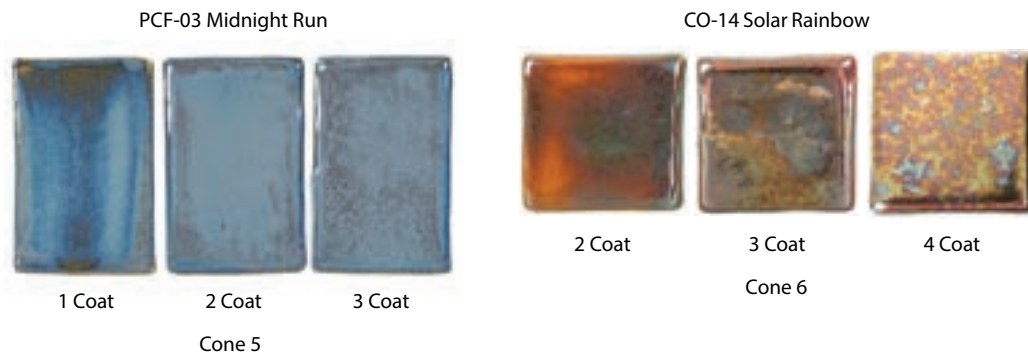
1 Brush

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.



2 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.



3 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.



LAYERING

Tips and Tricks

1. Keep track of glaze coats by taking photos or keeping notes.
2. Use test tiles to try out combos before glazing your final piece.
3. When using a more fluid glaze, only apply it on the top half of your piece to give it adequate room to flow or use a drip tray.
4. Celadons and similar stable glazes make a great base for more fluid glazes like the Potter's Choice or Potter's Choice Flux lines.

Layering Guide

mid to high-fire layering / CONE 6

Potter's Choice /
Potter's Choice



Potter's Choice / Celadon



Phase Glaze / Celadon



Potter's Choice / Shino



Potter's Choice Flux/
Potter's Choice



Potter's Choice Flux /
Celadon



low-fire layering / CONE 05

Opalescent / Velvets



 = 1 brush coat

These layering recommendations are for brushing glazes only. Visit page 52 for information about layering with the Dipping & Layering glazes.

LAYERING

Endless layering possibilities with AMACO


MID TO HIGH-FIRE LAYERING

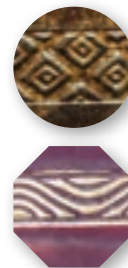
CONE 6


Tiles are AMACO 11-M A-Mix White Stoneware.

Potter's Choice
— over —
Potter's Choice




PC-15
Satin Oribe
PC-33
Iron Lustre





PC-30
Temmoku
PC-71
Flambé


Potter's Choice
— over —
Celadons

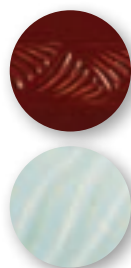



PC-17
Honey
Flux
C-1
Obsidian


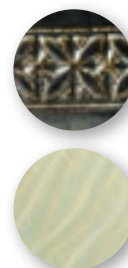



PC-46
Lustrous
Jade
C-33
Sandalwood


Potter's Choice
— over —
Potter's Choice Flux



PC-59
Deep
Firebrick
PCF-19
Cirrus Flow




PC-66
Cosmic
Oilspot
PCF-18
Honeydew




More examples at
**LayeringAmaco
Glazes.com**



Dipping & Layering
— over —
Dipping & Layering




DL-42
River Moss
DL-60
Honeycomb
Conforms to
ASTM D-4236

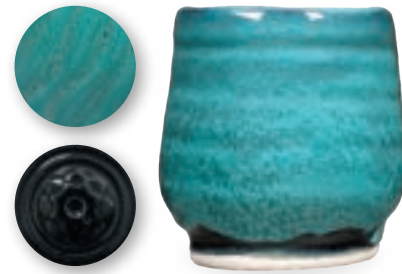



DL-1
Ebony
DL-23
Ultramarine
Conforms to
ASTM D-4236

Phase Glaze
— over —
Celadons



PG-55
Floating
Lavender
C-1
Obsidian




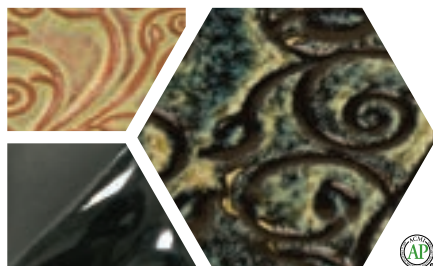
PG-55
Teal Drift
C-1
Obsidian


LOW-FIRE LAYERING

CONE 05


Tiles are AMACO 25-M White Art Clay.

Opalescent
— over —
Velvet Underglazes



O-12 Tawny over V-361 Jet Black 



O-20 Bluebell over V-389 Flame Orange 

LOW FIRE

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^{TO} HIGH FIRE

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]

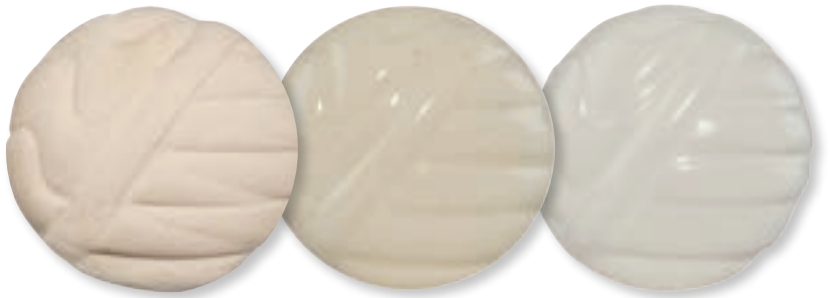
WHITE GLAZE
[HF-11 White, Cone 5]



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 Clay

- great for handbuilding and throwing
- creates more earthy glaze results
- ideal for utilitarian ware



NO. 77

Terra Cotta Stoneware Clay

- great for sculpting
- fires to a warm terra cotta red
- good for raku firing



PREMIUM MID-RANGE

CONE 5-7



MANGANESE-FREE!*

*No manganese means no special firing required! Manganese often creates blistering in a piece if fired normally, but because the chocolate clays are formulated without, they can be fired just like any other mid-high fire clay.

NO. 16

White Chocolate Clay

- versatile and durable
- perfect for functional pottery and intricate sculptures
- smooth porcelain-like texture

BISQUE
[Cone 04]

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

WHITE GLAZE
[C-10 Snow, Cone 5]



NO. 30

Milk Chocolate Clay

- 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 Clay

- can be fired to cone 5 or to cone 7 for a deeper hue
- creates darker and richer glaze results
- smooth porcelain-like texture



UNDER GLAZE



Janina Myronova
Various Velvet Underglazes
Insta: @janinamyronova

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?

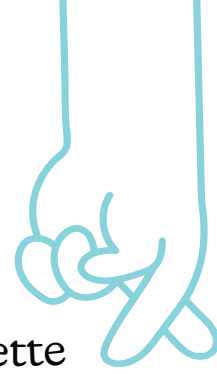
Check out these artists on Instagram using AMACO underglazes:

- En Iwamura -@eniwamura
- Sarah Levings -@sarahandthings
- Lakyn Bowman -@lakynbowman_art
- Nikki Mizak -@nikkimizakceramics
- Tatiana Cordona -@femalealchemy
- Calvin Ma -@calvinma
- Sequoyah Johnson -@thecoycollection
- Kensuke Yamada -@kensuke_yamada

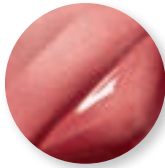
LUGS

LIQUID UNDERGLAZES

for a soft hued
underglaze palette



LUG-56
Maroon



LUG-58
Dark Red



LUG-51
Rose



LUG-50
Pink



LUG-54
Lilac



LUG-53
Sun Tan



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



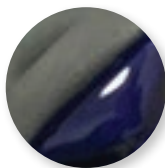
LUG-20
Light Blue



LUG-21
Medium Blue



LUG-55
Purple



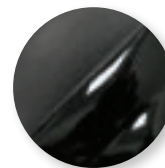
LUG-22
Dark Blue



LUG-10
White



LUG-15
Warm Gray



LUG-1
Black

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



From top to bottom: LUG-53 Sun Tan, LUG-50 Pink, LUG-51 Rose, LUG-58 Dark Red, and LUG-56 Maroon on AMACO 25-M White Art Clay. Glazed with LG-10 Clear Transparent. Fired to Cone 05.



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



smugs

semi-moist
underglazes

for watercolor effects

Semi-Moist
Underglaze
Pan Set
No. 108
41212B



Semi-Moist
Underglaze
Pan Set
No. 109
41214S



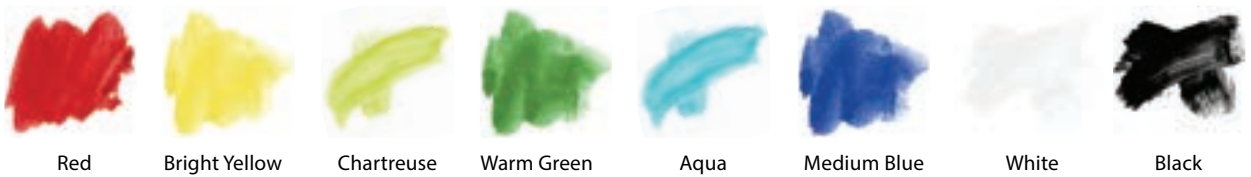
Semi-Moist
Underglaze
Pan Set
No. 110
41216E



Semi-Moist
Underglaze
Pan Set
No. 111
41274K



Semi-Moist
Underglaze
Pan Set
No. 112
41275L



fires most vivid at Cone 05

SMUGs on AMACO
25-M White Art Clay.
Fired to Cone 05.



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

Velvet

for a vivid
underglaze palette

UNDERGLAZES

Tatiana Cardona
Velvet Underglazes
Insta: @female.alchemy



V-391
Intense Yellow



V-308
Yellow



V-304
Straw



V-309
Deep Yellow



V-390
Bright Orange



V-384
Real Orange

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



Conforms to
ASTM D-4236



Layering



Safe for Spray
Application



Food Safe

*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.*



V-350
Orange



V-311
Nectar



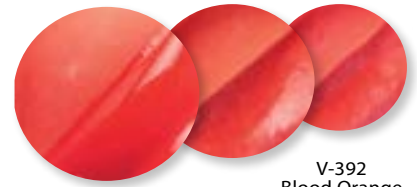
FIRING KEY



V-389
Flame Orange



V-388
Radiant Red



V-392
Blood Orange



V-383
Light Red



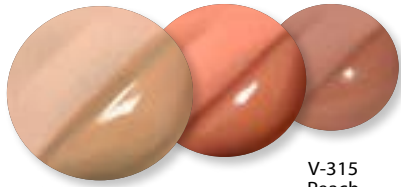
V-387
Bright Red



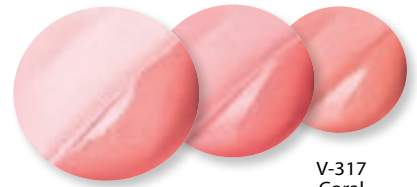
V-382
Red



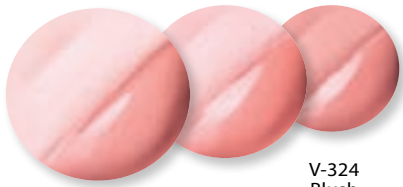
V-323
Salmon



V-315
Peach



V-317
Coral



V-324
Blush



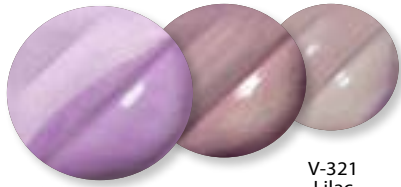
V-318
Rose



V-375
Maroon



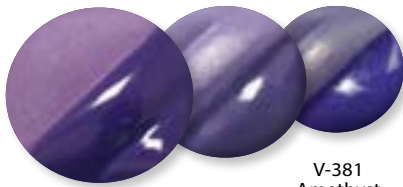
V-379
Ultra Violet



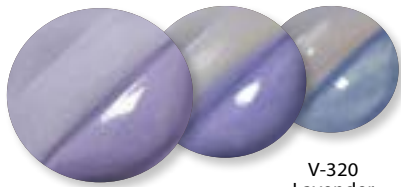
V-321
Lilac



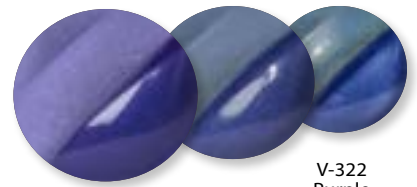
V-380
Violet



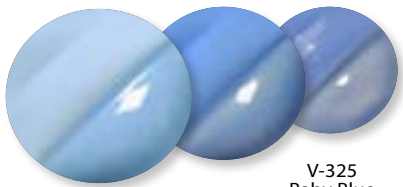
V-381
Amethyst



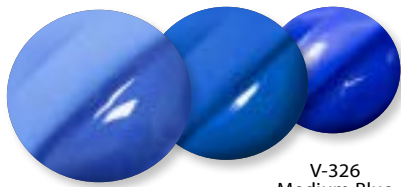
V-320
Lavender



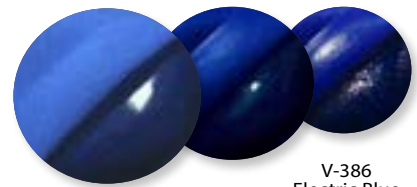
V-322
Purple



V-325
Baby Blue



V-326
Medium Blue



V-386
Electric Blue

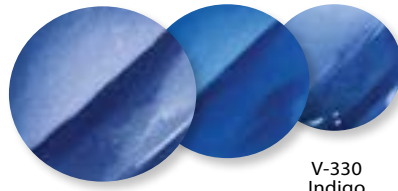
Velvet

UNDERGLAZES

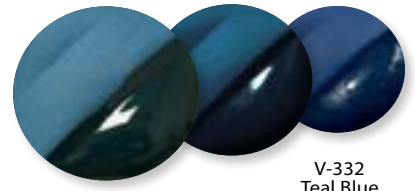
* Approved when applied and fired under AMACO LG-10 or HF-9 clear glazes



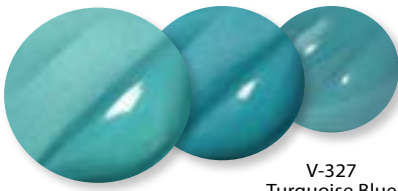
V-336
Royal Blue



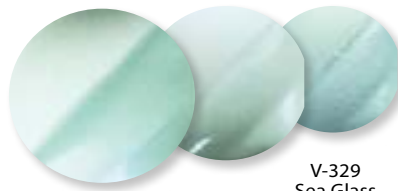
V-330
Indigo



V-332
Teal Blue



V-327
Turquoise Blue



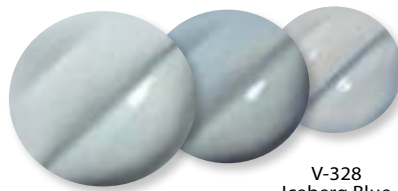
V-329
Sea Glass



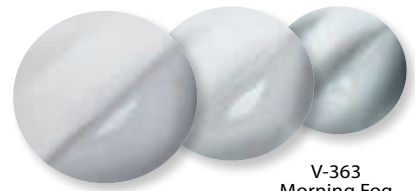
V-360
White



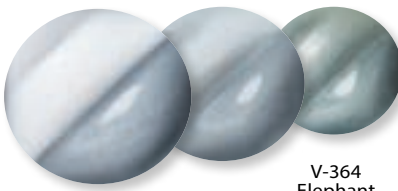
V-359
Ultra White



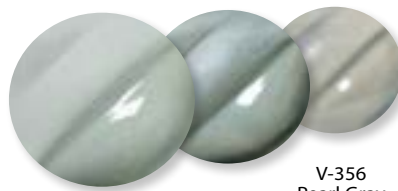
V-328
Iceberg Blue



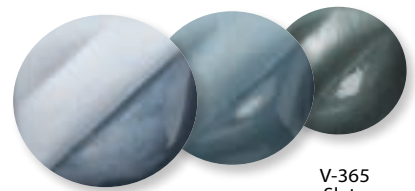
V-363
Morning Fog



V-364
Elephant



V-356
Pearl Gray



V-365
Slate



V-370
Velour Black



V-361
Jet Black



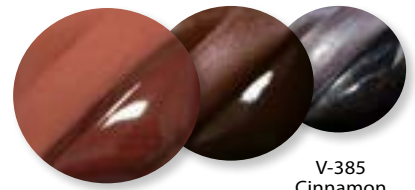
V-362
Ultra Black



V-301
Ivory Beige



V-366
Teddy Bear Brown



V-385
Cinnamon



V-314
Chocolate Brown



V-313
Red Brown



V-303
Terra Cotta

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



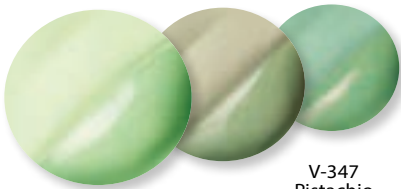
V-333
Avocado



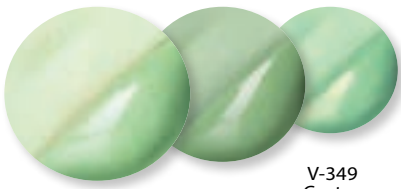
V-353
Dark Green



V-345
Light Green



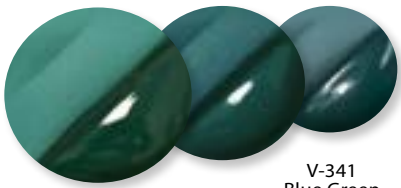
V-347
Pistachio



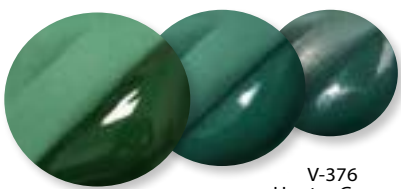
V-349
Cactus



V-343
Chartreuse



V-341
Blue Green



V-376
Hunter Green



Naomi Peterson
Various Velvet Underglazes
Insta: @n.ceramics

VELVET Sprayz

spray with ease



Malcolm Mobutu Smith
Various Velvet Sprayz on AMACO
11M A-Mix White Stoneware Clay.
Fired to cone 5



Conforms to ASTM D-4236



Conforms to ASTM D-4236



Layering

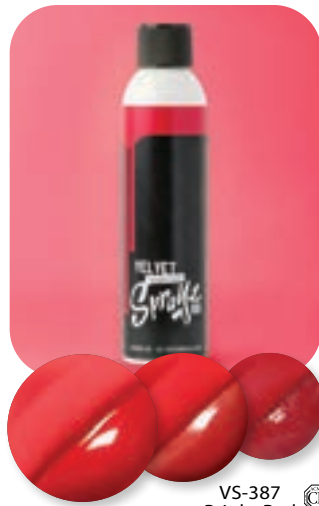


Safe for Spray Application



Food Safe with Glaze

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



VS-387
Bright Red



VS-384
Real Orange



VS-308
Yellow



VS-353
Dark Green



VS-326
Medium Blue



VS-361
Jet Black



VS-359
Ultra White



FIRING KEY

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.

CERAMIC PRINTING INKS



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-61
Jet Black
Matte



INK-60
White
Matte



INK-74 Hunter Green
Matte screenprinted
over V-311 Nectar.

INK-27 Turquoise Matte
screenprinted over
V-389 Flame Orange.

INK-87 Bright Red Matte
screenprinted over
V-327 Turquoise Blue

Pieces fired to Cone 5 on AMACO
11M White Stoneware glazed with
AMACO HF-9 Zinc Free Clear.

For printmaking on ceramics



UNDERGLAZE CHALK CRAYONS

for chalk pastel effect

Chalk Crayons Set No. 208 - 41252J



Rose



Yellow



Dark Green



Turquoise



Dark Blue



White



Brown



Black

UNDERGLAZE Pencils

*for shading, fine line drawing,
or identification*



Black 



Layering™



Food Safe™

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



Black Underglaze Pencil on AMACO 25-M White Art Clay. Glazed with LG-10 Clear Transparent. Fired to Cone 05.

Underglaze Chalk Crayons on AMACO 25-M White Art Clay. Glazed with LG-10 Clear Transparent. Fired to Cone 05.



Chalk Crayons Set No. 209 - 41253K



Yellow-Green



Medium Green



Blue-Green



Medium Blue



Lilac



Light Brown



Dark Brown



Gray

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



Conforms to ASTM D-4236



Layering



Food Safe

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

LOW FIRE GLAZE



Teacher's Palette Glazes
White Art Clay No. 25
Cone 05

defining

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 and can flow when fired, making them less ideal for detail work.

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 are called such because they 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
- Kathy Skaggs - @kathyskaggsclay
- Justin Rothshank - @jrothshank
- Zach Tate - @zachtate_artist

LOW FIRE
GLAZES
cone 05



TEACHER'S PALETTE®

for painterly details



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

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



Conforms to
ASTM D-4236



Food Safe



Layering



Mixable



Safe for Spray
Application





TEACHER'S PALETTE® LIGHT

for bright, translucent color

TPL-27 Zircon and TPL-3 Onyx on AMACO 25-M White Art Clay. Fired to Cone 05.

TPL-63 Citrine, TPL-44 Peridot, and TPL-66 Fire Opal on AMACO 25-M White Art Clay. Fired to Cone 05.



TPL-66
Fire Opal



TPL-63
Citrine



TPL-45
Emerald



TPL-28
Sapphire



TPL-55
Tanzanite



TPL-5
Quartz



TPL-59
Ruby



TPL-44
Peridot



TPL-23
Aquamarine



TPL-27
Zircon



TPL-34
Jasper



TPL-3
Onyx

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



LG SERIES

for enhancing texture

Various LG glazes
AMACO 25M
White Art Clay
Cone 05



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



* AP glazes safe for Spray Application.



LG-36
Freckled Brown



LG-30
Chocolate Brown



LG-54
Mulberry Red



LG-58
Brilliant Red



LG-57
Intense Red



LG-34
Red Brown



LG-59
Hot Red



LG-50
Maroon



LG-55
Purple



LG-51
Lilac



LG-20
Medium Blue



LG-21
Dark Blue



LG-65
Amber



LG-10
Clear Transparent



LG-52
Petal Pink



LG-23
Robin's Egg



LG-24
Light Blue



LG-760
Pale Yellow



LG-61
Canary Yellow



LG-63
Brilliant Yellow



LG-68
Vivid Orange



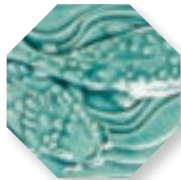
LG-67
Fire Orange



LG-60
Dark Yellow



LG-25
Turquoise Green



LG-26
Turquoise



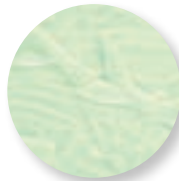
LG-46
Leaf Green



LG-40
Dark Green



LG-45
Emerald Green



LG-42
Light Green



LG-44
Olive Green



LG-2
Black Lustre



LG-1
True Black



LG-14
Gray



LG-11
Opaque White

Various LG glazes
AMACO 25M
White Art Clay
Cone 05

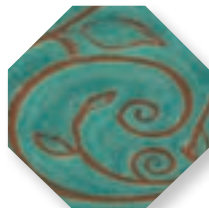


Opalescent

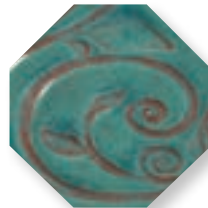
for pearl-like surfaces



O-42
Moss Green



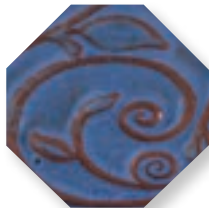
O-21
Aquamarine



O-26
Turquoise



O-20
Bluebell



O-23
Sapphire Blue



O-57
Mottled Burgundy



O-2
Black Tulip



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



for matte surfaces



LM-10
Transparent
Matt



LM-11
Opaque White

for quick coverage
dipping
glazes



DC-10
Clear Glaze



Only Available
in Gallons



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



O-52
Fuchsia



O-54
Dusty Rose



O-11
White Clover



O-12
Tawny



O-30
Autumn Leaf



O-10
Transparent Pearl

best results on red clay

O-42 Moss Green on
AMACO 67-M Sedona Red Clay.
Fired to Cone 05.



*AP glazes safe for Spray Application.



Conforms to
ASTM D-4236



Conforms to
ASTM D-4236



Food Safe



Layering



Safe for Spray
Application

MID ^{TO} HIGH FIRE GLAZE



Balancing Act 2021
Vipoo Sirvilisa
Porcelain with
Celadon glazes
Insta: @vipooart

defining

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 and can flow when fired, making them less ideal for detail work.

what is

MID-FIRE GLAZE?

AMACO mid-fire glazes are formulated to be fired between Cone 5 and Cone 6 (around 2167°F to 2269°F) but some will fire as high as Cone 10 (around 2381°F).

the high-fire

ADVANTAGE

AMACO mid-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

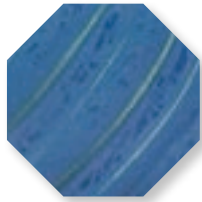
INSPIRATION?



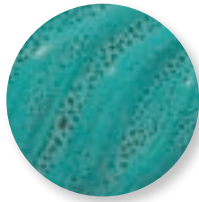
Check out artists using AMACO mid-fire glazes by visiting:
<https://www.amaco.com/resources/layering>

PHASE

G L A Z E



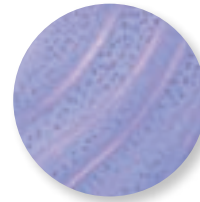
PG-24
Night Rain



PG-42
Teal Drift



PG-54
Lunar Pink



PG-55
Floating Lavender



where surface speaks volumes

PG-55 Floating Lavender
and PG-42 Teal Drift on
32M Dark Chocolate clay.
Fired to cone 5.

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



Conforms to
ASTM D-4236



Conforms to
ASTM D-4236



Layering



Food Safe



Safe for Spray
Application

*AP glazes are
safe for spray
application.

TH texturizer



TH-1 Texturizer over PC-29 Deep Olive Speckle

PC-29 Deep Olive Speckle over TH-1 Texturizer

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



Conforms to ASTM D-4236

Layering

adds depth and variety to any high fire glaze

for opaque
vivid color

High Fire

High Fire glazes on AMACO 11-M A-Mix White Stoneware Clay. Fired to Cone 5.



HF-56
Red Gloss



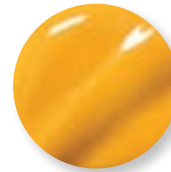
HF-165
Scarlet Red



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



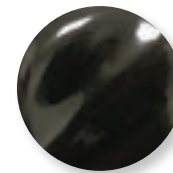
HF-9
Zinc-Free Clear



HF-10
Clear



HF-11
White



HF-1
Black

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



Conforms to ASTM D-4236



Conforms to ASTM D-4236



Layering



Food Safe



Safe for Spray Application

*AP glazes are safe for spray application.



Available in Dipping Buckets:
HF-9 Zinc Free Clear

Left To Right -
Front:
SM-46 Moss
SM-3 Marble
SM-60 Goldenrod
Back:
SM-2 Stone
SM-24 Seafoam
SM-53 Cayenne



Fired to Cone 5.
AMACO 11M White Stoneware Clay.

for a mixable satin feel



SATIN MATTE



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



Select Colors Available
in Gallons: SM-1 Black
& SM-11 White

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



Conforms to
ASTM D-4236



Safe for Spray
Application



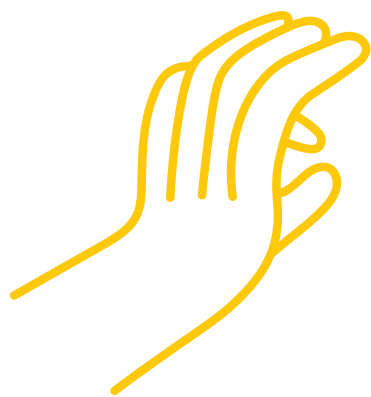
Mixable



Food Safe

Shines

for a mottled,
sophisticated look



SH-52
Hibiscus Matte
Cone 5

SH-46
Matcha Matte
Cone 5

Gloss



SH-41
Oolong Gloss



SH-11
Chai Gloss



SH-21
Acai Gloss



SH-31
Cacao Gloss



SH-45
Matcha Gloss



SH-51
Hibiscus Gloss

Matte



SH-42
Oolong Matte



SH-12
Chai Matte



SH-22
Acai Matte



SH-32
Cacao Matte



SH-46
Matcha Matte



SH-52
Hibiscus Matte



SH-22
Acai Matte
Cone 5

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



Conforms to
ASTM D-4236



Food Safe



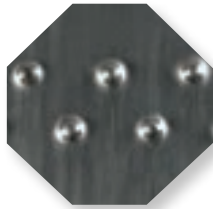
Mixable



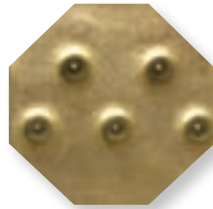
Safe for Spray
Application

POTTER'S

choice



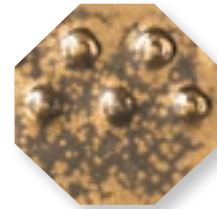
PC-1
Saturation Metallic



PC-2
Saturation Gold



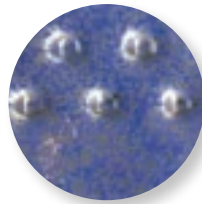
PC-4
Palladium



PC-9
Vintage Gold



PC-10
June Bug



PC-11
Blue Spark



PC-12
Blue Midnight



PC-15
Satin Oribe



PC-16
Purple Crystal



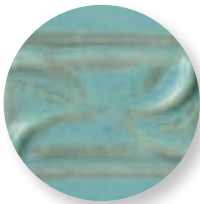
PC-17
Honey Flux



PC-20
Blue Rutile



PC-21
Arctic Blue



PC-22
Blue Stone



PC-23
Indigo Float



PC-24
Sapphire Float



PC-25
Textured Turquoise

Select Colors
Available in
Gallons



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



* Except PC-4
Palladium, PC-9
Vintage Gold,
PC-64 Aventurine.



** All No Seal and AP glazes are safe
for spray application except PC-29
Deep Olive Speckle, PC-52 Deep
Sienna Speckle, PC-59 Deep Firebrick,
and PC-63 Cosmic Tea Dust.

for a reduction look



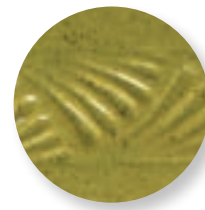
PC-26
Blue Lagoon



PC-27
Tourmaline



PC-28
Frosted Turquoise



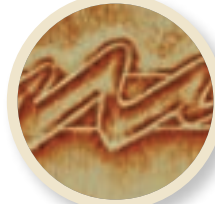
PC-29
Deep Olive Speckle



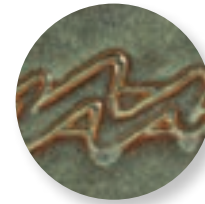
PC-30
Temmoku



PC-31
Oatmeal



PC-32
Albany Slip Brown



PC-33
Iron Lustre



PC-34
Light Sepia



PC-36
Ironstone



PC-38
Iron Yellow

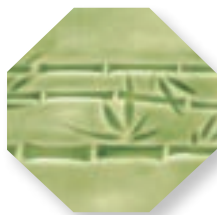


Layered PC glazes by
Austin and Courtney Cook
Insta: @theclayplant

Layered PC glazes by
Austin and Courtney Cook
Insta: @theclayplant



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



PC-40
True Celadon



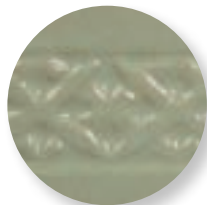
PC-41
Vert Lustre



PC-42
Seaweed



PC-43
Toasted Sage



PC-44
Sage



PC-45
Dark Green



PC-46
Lustrous Jade



PC-47
Emerald Falls

POTTER'S

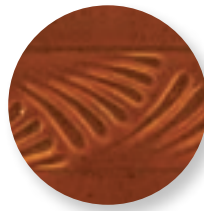
choice



PC-48
Art Deco Green



PC-49
Frosted Melon



PC-52
Deep Sienna Speckle



PC-53
Ancient Jasper



PC-55
Chun Plum



PC-57
Smokey Merlot



PC-56
Ancient Copper



PC-59
Deep Firebrick



PC-61
Textured Amber




PC-62
Textured Amber
Brown



PC-63
Cosmic Tea Dust



PC-64  Aventurine



PC-65
Black Aventurine



PC-66
Cosmic Oil Spot



PC-67
River Rock



PC-68
Golden Honey



PC-70
Copper Red



PC-71
Flambé



PC-72
Fire & Ice

Select Colors
Available in
Gallons

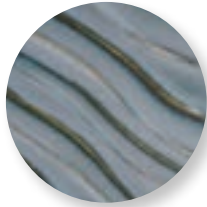


* Except PC-4
Palladium, PC-9
Vintage Gold,
PC-64 Aventurine.

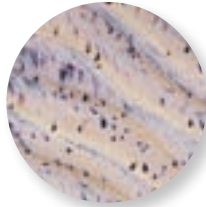


** All No Seal and AP glazes are safe
for spray application except PC-29
Deep Olive Speckle, PC-52 Deep
Sienna Speckle, PC-59 Deep Firebrick,
and PC-63 Cosmic Tea Dust.

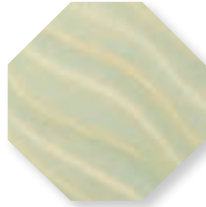
POTTER'S choice FLUX



PCF-3
Midnight Run



PCF-16
Aurora Breeze



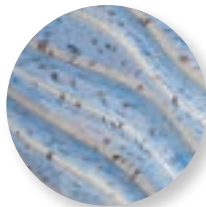
PCF-18
Honeydew



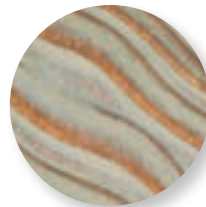
PCF-19
Cirrus Flow



PCF-54
Flux Blossom



PCF-21
Ocean Drift



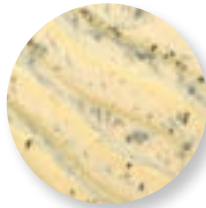
PCF-33
Mystic Tide



PCF-36
Rose Mist



PCF-60
Sun Beam



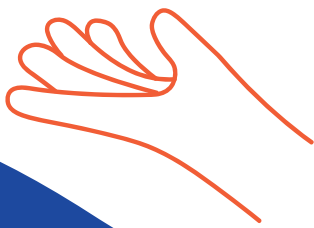
PCF-63
Sun Shower



PCF-74
River Birch



PCF-75
Moss Mist



designed for movement and flow



Select Colors
Available in
Gallons

Tiles are AMACO 11-M White Art Clay. Fired to Cone 6.



Conforms to
ASTM D-4236

Layering

Food Safe

Safe for Spray
Application

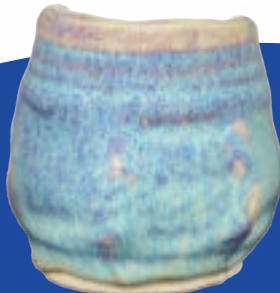
*Glazes marked as
AP are safe for spray
application.

Great for layering!

PCF-18 Honeydew /
PC-16 Purple Crystal
Porcelain clay
Cone 6



PC-52
Deep Sienna Speckle/
PCF-75
Moss Mist



PCF-54
Flux Blossom/
PC-70
Copper Red



PCF-18
Honeydew/
PC-55
Chun Plum



PC-70
Copper Red/
PCF-3
Midnight Run

Layering cups are 2 brushing coats over 2 brushing coats on AMACO 11-M White Art Clay. Fired to Cone 6.

Celadon



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



C-11
Mixing Clear



C-10
Snow



C-19
Glacier



C-22
Fog



C-21
Sky



C-20
Cobalt



C-56
Lavender



C-57
Mulberry



C-25
Downpour



C-27
Storm

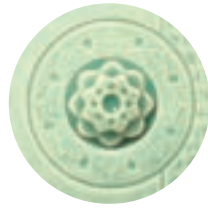


Jan-Ur 2021
Vipoo Srivilasa
Porcelain with Celadon Glazes
Insta: @vipooart

for a mixable transparent color



C-23
Ice



C-40
Aqua



C-24
Succulent



C-26
Lagoon



C-29
Deep Sea



C-41
Pear



C-42
Saguaro



C-43
Wasabi



C-47
Jade



C-49
Rainforest



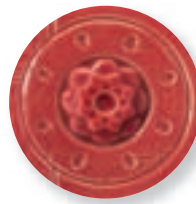
C-60
Marigold



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



Available in
10lb dry mix



Select colors available
in gallons



Conforms to
ASTM D-4236



Conforms to
ASTM D-4236



Safe for Spray
Application

*AP glazes are
safe for spray
application.



Layering



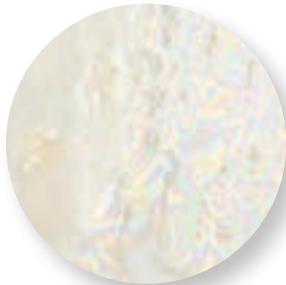
Mixable



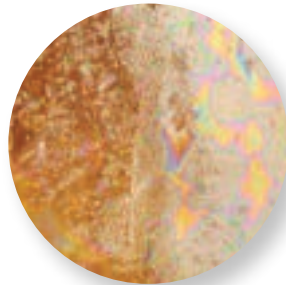
Food Safe

COSMOS

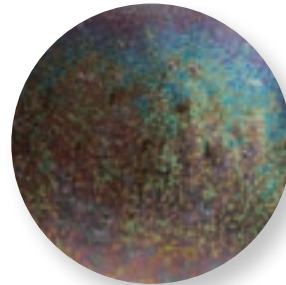
GLAZES THAT ARE OUT OF THIS WORLD



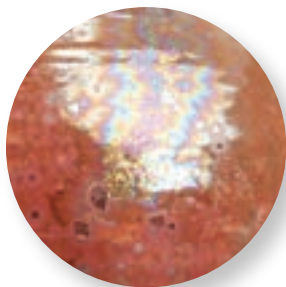
CO-6
Supernova



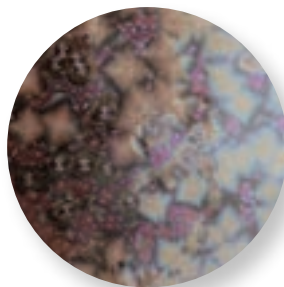
CO-7
Solar Flare



CO-8
Dark Star



CO-13
Mars Crystal



CO-14
Solar Rainbow

Tiles are AMACO 11-M A-Mix
White Stoneware Clay.
CO-6 tile was fired to Cone 5.
Remaining tiles fired to Cone 6.



Conforms to
ASTM D-4236



Food Safe

Michael Sprague
CO-8 Dark Star
on AMACO
11-M A-Mix White
Stoneware Clay



crystalline glaze effects, no hold necessary

FAQ

Apply to... Cone 04 Bisqueware

Number of coats? 4 coats

Fire to... Cone 5 - 6

Food safe? Yes, but due to durability, these glazes are not recommended for food surfaces.

Layering? You can layer these glazes but may lose crystalline effects in firing.

CO-13 Mars Crystal
on AMACO 11-M A-Mix
White Stoneware Clay.
Fired to Cone 5.



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





DL-11 Enamel White over DL-33 Low Tide



DL-11 Enamel White over DL-20 Floating Blue



DL-70 Oxblood over DL-42 River Moss



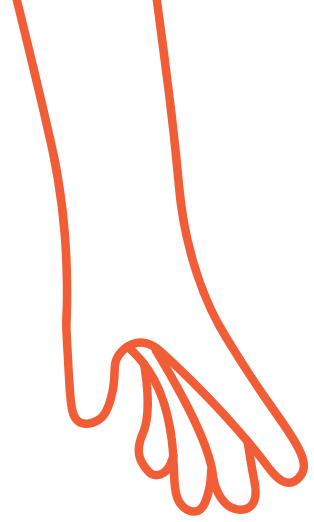
DL-11 Enamel White over DL-42 River Moss



DL-20 Floating Blue over DL-60 Honeycomb



DL-33 Low Tide over DL-23 Ultramarine



Conforms to ASTM D-4236



Conforms to ASTM D-4236



Layering

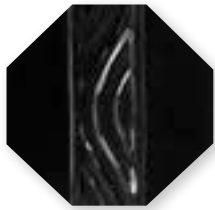


Food Safe

Tiles are AMACO 11-M A-Mix White Stoneware Clay. Fired to Cone 5. Layering cups are fired to Cone 6.

dipping and layering

*designed to be dipped
and layered with ease*



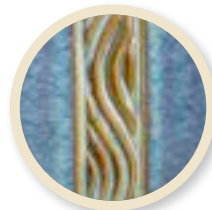
DL-1
Ebony



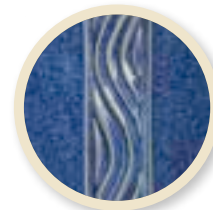
DL-11
Enamel White



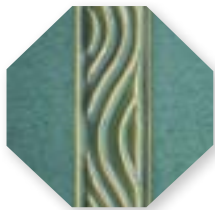
DL-12
Midnight Blue



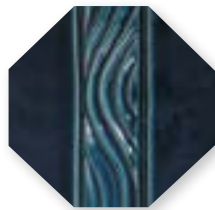
DL-20
Floating Blue



DL-23
Ultramarine



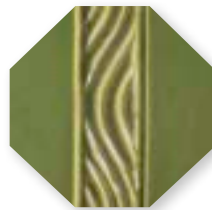
DL-25
Coastline



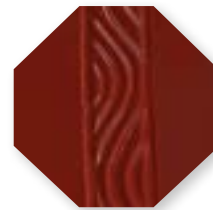
DL-27
Storm Cloud



DL-33
Low Tide



DL-42
River Moss



DL-59
Brick Red



DL-60
Honeycomb



DL-63
Stardust



DL-70
Oxblood

FAQ

Apply to... Cone 04 Bisqueware

Dip duration? 1-3 seconds

Fire to... Cone 5 - Cone 6

Food safe? Yes, all Dipping and Layering glazes hold a food safety status.

How much glaze does each bag produce?
At least 10 pints or 1.25 gallons.



Pre-measured, dry dipping materials.
Simply add one gallon of distilled water!

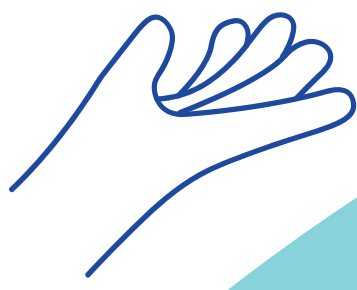


KI-46 Frozen Fern and KI-27
Glacial Lake over AMACO
30M Milk Chocolate Clay.
Fired to cone 6.

Create multi-layered crackle effects!

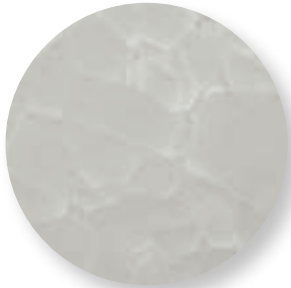


KI-11 Snow Drift

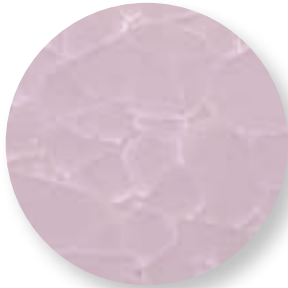


NEW!

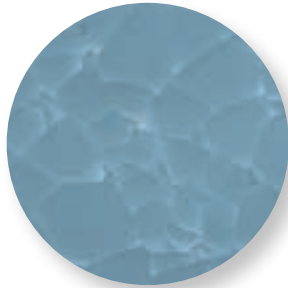
KILN ICE



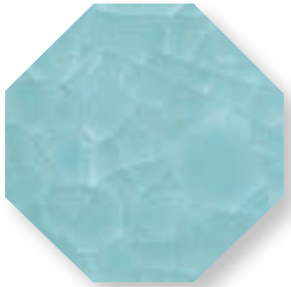
KI-11 Snow Drift



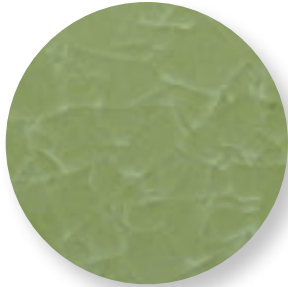
KI-18 Arctic Blush



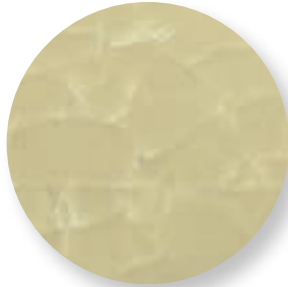
KI-21 Winter Glass



KI-27 Glacial Lake



KI-46 Frozen Fern



KI-68 Honey Crystal



Conforms to
ASTM D-4236



Conforms to
ASTM D-4236

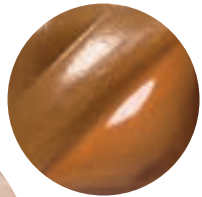


Food Safe

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

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

Try layering with Kiln Ice!

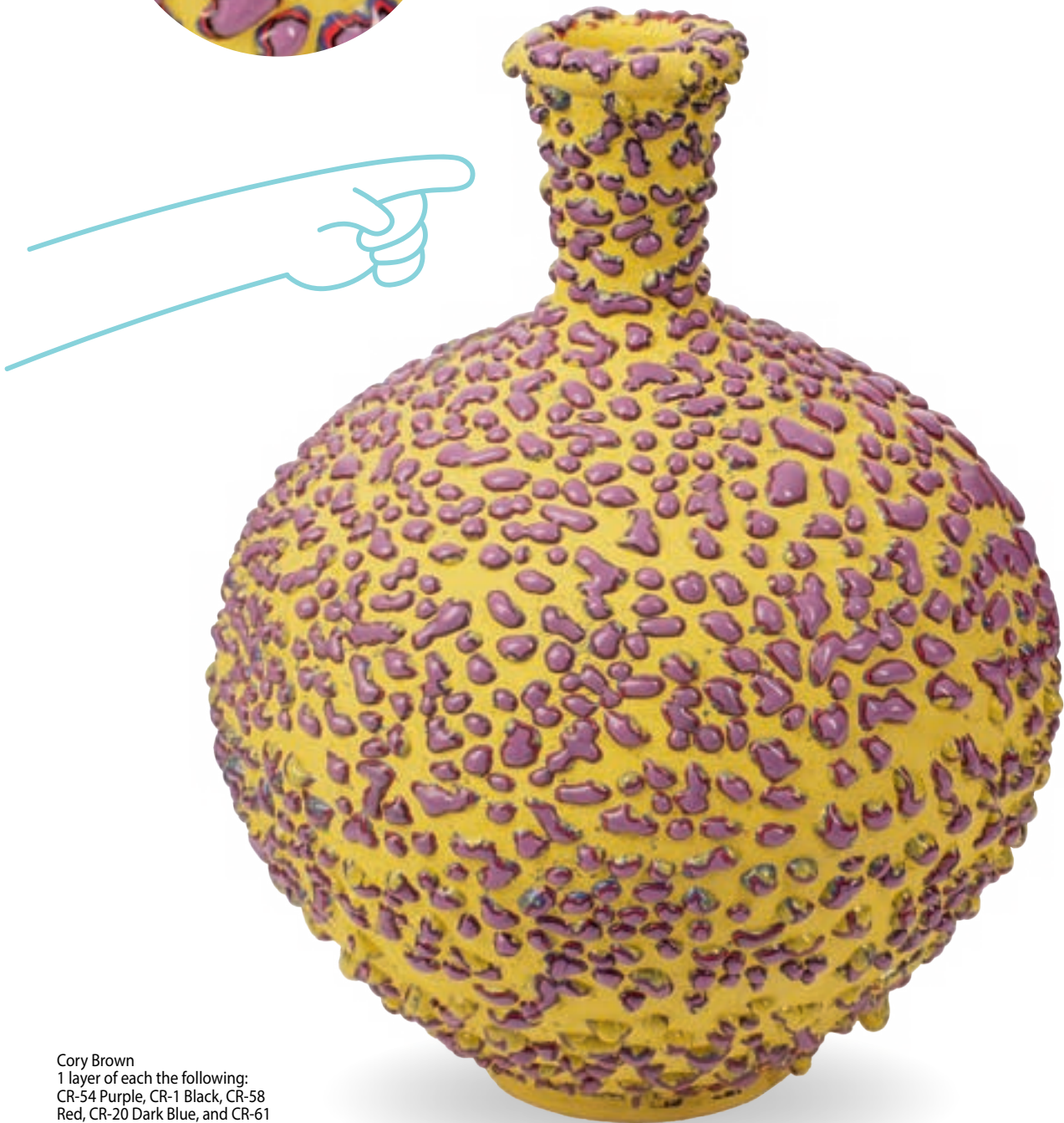
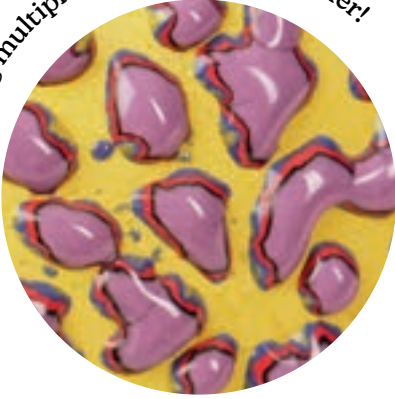


V-366 Teddy
Bear Brown



KI-11 Snow
Drift over
V-366 Teddy
Bear Brown

Try layering multiple Crawls over each other!



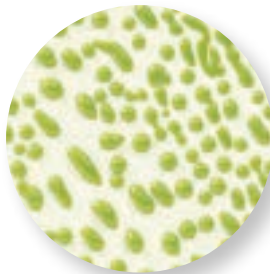
Cory Brown
1 layer of each the following:
CR-54 Purple, CR-1 Black, CR-58
Red, CR-20 Dark Blue, and CR-61
Speckled Yellow OVER V-391
Intense Yellow Underglaze.
Fired to Cone 6.

NEW!

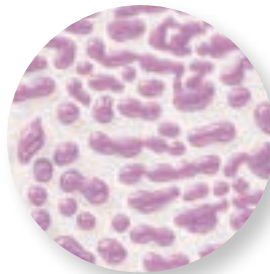
CRAWLS



CR-1 Black



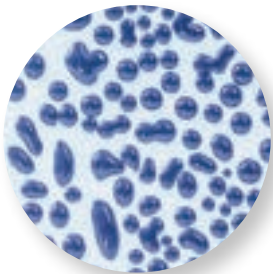
CR-41 Lime



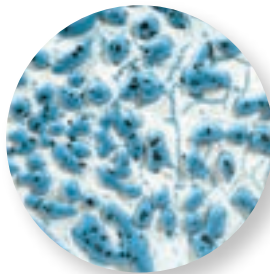
CR-54 Purple



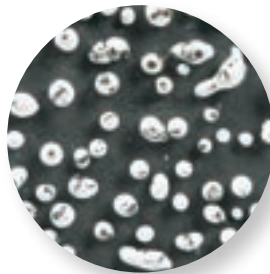
CR-58 Red



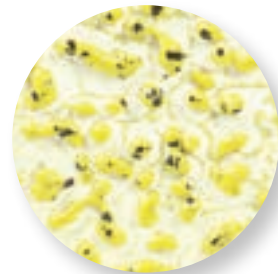
CR-20 Dark Blue



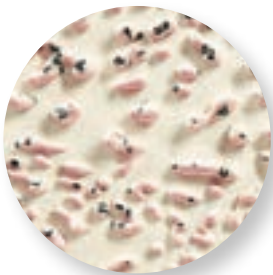
CR-22 Speckled Teal



CR-12 Speckled White



CR-61 Speckled Yellow



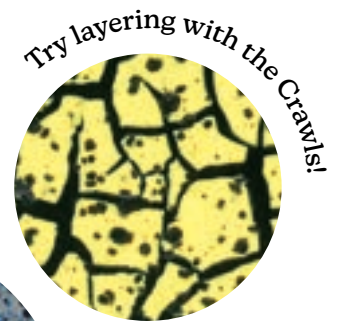
CR-51 Speckled Pink



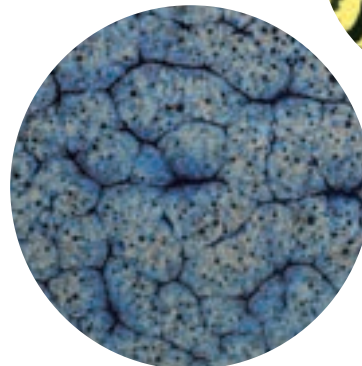
CR-17 Flux Crawl



CR-18 Speckled Flux Crawl



CR-61 Speckled Yellow over C-1 Obsidian



CR-18 Speckled Flux over C-1 Obsidian



Conforms to ASTM D-4236



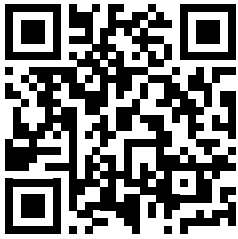
Food Safe

*Food safe when applied over an Amaco Celadon.

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

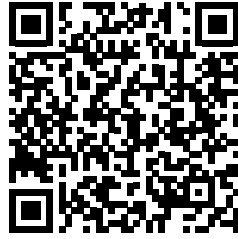
RESOURCES

Explore layering combinations!



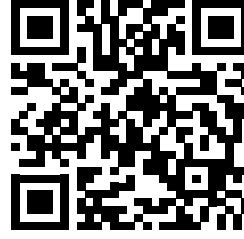
[amaco.com/glazes-and-underglazes/layering](https://www.amaco.com/glazes-and-underglazes/layering)

Learn about equipment maintenance!



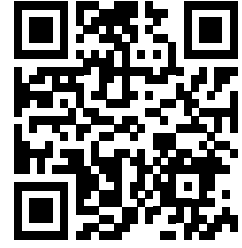
<https://www.youtube.com/@AMACOBrent>

Find lesson plans for clay projects!



https://www.amaco.com/lesson_plans

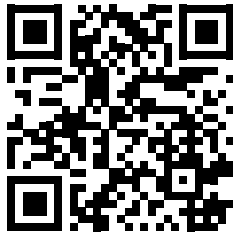
Find complete k-12 clay curriculum!



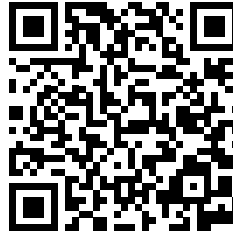
<https://www.amacoclassroom.com/>

stay connected!

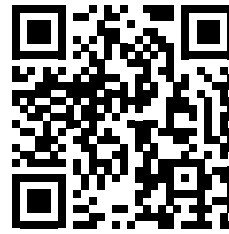
Follow us on social media for updates on new product releases, helpful tips and tricks, & inspiration.



Instagram
[@amacobrent](https://www.instagram.com/amacobrent)



Facebook
Cone 5/6 Forum
Amaco Brent



TikTok
[@amaco_brent](https://www.tiktok.com/@amaco_brent)

find a local distributor



Where can you buy Amaco Brent products?

Visit [amaco.com/find-a-distributor/](https://www.amaco.com/find-a-distributor/) to find a distributor near you.



THANK YOU FOR
BEING AN
AMACO BRENT
CUSTOMER!!



we are here to help!

You can contact our Technical Support team with any glaze or equipment questions.

Monday-Friday
8:00 a.m. - 5:00 p.m., Eastern Time Zone
Email: customercare@amaco.com
Toll Free: (800) 999-5456
Local: (317) 683-1303

Layered PC Glazes
Austin & Courtney Cook
[@theclayplant](https://www.instagram.com/theclayplant)



We can't wait to see what you create!
Share your work with us on socials!

#HOWIAMACO



Visit amaco.com for
more product info.



Follow us on social media!



Instagram
[@amacobrent](https://www.instagram.com/amacobrent)



Facebook
[Amaco Brent](https://www.facebook.com/AmacoBrent)



TikTok
[@amaco_brent](https://www.tiktok.com/@amaco_brent)

Part No. 00128M