



Clay Catalog



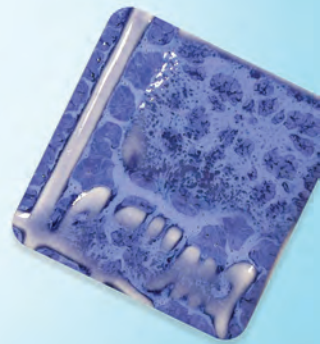
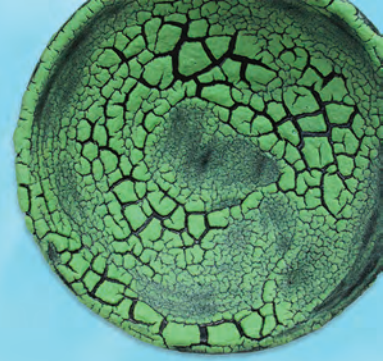


Laguna Clay Company is committed to education, aspiring artists and the advancement of ceramic arts and industry. We view and support clay as our legacy to ensure a long-term commitment to future generations in endeavors of learning, growing and succeeding in the field of ceramics.

The "clay medium" is the most sustainable and renewable product on the planet. Laguna Clay Company is a provider to this global ceramic community. Our goal is to cultivate relationships on local, national and international levels by sharing our knowledge, quality products and dependable support of this marvelous material.



New Owner and President:
Bryan Vansell



In 1976 on the sunny coast of California, Laguna Clay was born. Our founder opened shop right on the beach. He started selling pots, sculptures and eventually our signature clays all from the back of his van. Fast forward to the present and we now have 3 locations: California, Ohio, and Florida. Each location has its own unique inventory and clay bodies. This allows us to lower our carbon footprint and provide special formulations unique to each location. This catalog shows what each facility has to offer and what's available nationwide. Contact us directly or order from one of our distributors around the world. Finding our quality products has never been easier. Visit us at LagunaClay.com.



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CLAYS

We are known worldwide for our attention to detail. All of our clays are carefully formulated, pugged and tested to maintain proper performance. Before a clay is dry mixed, we use an X-Ray Diffraction machine to check the accuracy/composition of each material shipment. This process allows us to confidently assure that your favorite clay body is just the way you like it every single time. While our strict testing meets our high standards, it does not guarantee performance in your specific application. Thorough testing is needed to guarantee that the products you buy are suitable for your specific application. Technicians are available for your convenience.

Visit our website at www.LagunaClay.com or call us at (800) 452 - 4862.

Minimal Carbon Footprint

Our clays are manufactured in City of Industry, California and Byesville, Ohio. This allows for affordable transport to our customers and our extensive distributor network.

Over 200 Clay Bodies in stock

Laguna Clay offers the most comprehensive off-the-shelf selection available. While some of our clay body formulations are produced at more than one location, others are formulated with local materials. In deciding which clay bodies to manufacture and where, Laguna carefully assesses a variety of factors, such as mineral quality.

Thinking Green and Sustainable

Laguna Clay attempts to use materials that are mined as close to the manufacturing sites as possible. We also consider ceramic traditions and respected ceramists of each region in order to enhance these rich regional differences. While it is the most economically and ecologically responsible to use a clay body that was manufactured at a Laguna site nearest you, our distributors can arrange to procure any clay body we produce from any location. Of course, we are happy to mix custom blends just for you.

Selecting the Right Clay

There are numerous decisions to make in selecting the right clay; decisions which are usually aided by experimentation and trial and error. However, we have a number of charts and additional information that will help you select a clay which offers the right temperature and color for oxidation or reduction, the right texture amount, if any, or grog or sand, the right firmness, and the right shrinkage and absorption. Some of these factors may be important to you and the project you are creating.



QUALITY ASSURANCE

All of our clays under the Laguna, Miller and Axner labels are carefully formulated, mixed, pugged, and stringently tested to assure proper performance, consistency and the highest quality.

Warranties and Responsibilities

We take our responsibility to you very seriously. Every batch of pugged clay/ liquid slip, or dry casting body is tested and approved prior to being shipped from our factories. While our testing ensures that our products meet our standards, it does not guarantee performance in your specific application. Only by thoroughly testing can you guarantee that the materials you buy are truly suitable for your use and your specific application. There is simply no substitute for testing.

Laguna Clay's Commitment to You

Our goal is to provide you with the highest quality, best performing, most consistent clay that you will find anywhere. The Laguna family of employees and the procedures that we have instigated makes this goal highly achievable. We are ready to prove it to you.

Clay Formulations

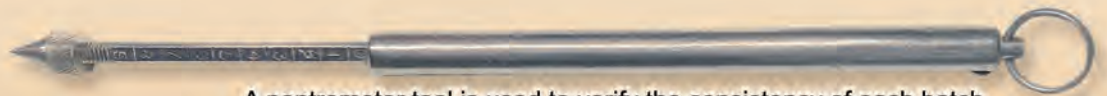
Laguna clays have been formulated to perform to the highest standards for a variety of functions ranging from pottery, to sculpture, and to industrial applications.

Clay Batching and Mixing Procedures

Many years of processing clay have honed this aspect down to a science. Each clay body is carefully batched and assigned a control number that follows it throughout the clay mixing, damp clay testing, and sample tile firing process. A *Pentrometer Tool* is used to measure the correct consistency of each clay batch.

Clay Testing Procedures

After a batch of clay is processed, a small sample is taken from the batch and dispatched to the Laguna laboratory, where a test bar is made and marked for future reference. Each test bar is measured before and after firing to check shrinkage, deformation, and warpage. This, along with a color and texture examination, is part of the extensive testing procedure before a clay body is released for shipment.



A pentrometer tool is used to verify the consistency of each batch

CLAY APPLICATION CHARTS

These key charts will help you to select the best clay body for your projects.

CONE 06 CLAYS

	Dinnerware	Tile	Sculpture	Raku Firing	Artware/Modeling	Throwing Large	Handbuilding Large	Available in CA	Available in OH	Available in FL
EM 100 #10										
EM 101 #10-G										
EM 103 #10-T										
EM 106 #20										
EM 107 #20-G										
EM 207 Red										
EM 210 White										
EM 214 Buff w Sand										
EM 215 Terra Cotta Sculpt.										
EM 217 WED										
EM 234 Red Sculpture										
EM 330 Laguna 06 White										
EM 342 Whiteware										
EM 343 R-2 Red										
EM 344 R-2 Red w Grog										
EM 345 Raku K-White										
EM 347 Whiteware w Grog										
EM 348 06 #8 Pressing										
WC 636 # 250										
EM 711 Sylvia Raku										

CONE 5 CLAYS

	Dinnerware	Tile	Sculpture	Raku Firing	Throwing Large	Hand Building Large	Available in CA	Available in OH	Available in FL
WC 365 Hawaiian Red II									
WC 390 Red Sculpture									
WC 391 B-3 Brown									
WC 392 Buff Sculpture									
WC 393 LB 6									
WC 394 SB Red									
WC 395 Porcelain 5									
WC 397 WS-5									
WC 398 WS-4									
WC 399 MR-5									
WC 400 Moroccan Sand									
WC 401 B Mix 5									
WC 402 Half & Half 5									
WC 403 Speckled Buff									
WC 404 Santa Fe									
WC 408 B Mix w Speckles									
WC 420 Redstone									
WC 423 Greystone									
WC 429 RSMC									
WC 436 B Mix 5 w Grog									
WC 437 Cone 6 Frost									
WC 438 Red B Mix w Grog									
WC 439 Mission Red									
WC 602 #40									
WC 603 #45									
WC 606 #50									
WC 607 #55									
WC 608 #60									
WC 609 #65									
WC 610 #66									
WC 611 #70									
WC 612 #75									
WC 613 #80									
WC 614 #90									
WC 617 #16									
WC 618 #510									
WC 850 52 Buff w Sand									
WC 851 52 Buff									
WC 861 Hagi Porcelain									
WC 864 Weststone 2									
WC 866 Electric Brown									
WC 871 Calico									
WC 877 Dover White									
WC 881 Red Calico									
WC 903 Rae's									
WC 904 Sybil's									
WC 905 Sybil's w Specks									
WC 907 Liz w Specks									
WC 952 Bob's Paper									
WC 953 Max's Paper									

Raku Kilns



LE-201 RST



LE-201 RIN



LE-201 RSU

CONE 10 CLAYS

	Dinnerware	Tile	Sculpture	Raku Firing	Throwing Large	Handbuilding Large	Available in CA	Available in OH	Available in FL
WC 369 Rod's Mix									
WC 370 Amador									
WC 371 Big Pot									
WC 372 Big Red									
WC 373 Dark Brown									
WC 376 LB Blend									
WC 379 B Mix 10									
WC 380 B Mix w Sand									
WC 381 Big White									
WC 382 Half & Half									
WC 384 Dave's Porcelain									
WC 387 WS-10									
WC 389 WSO									
WC 409 CA-2									
WC 412 Stony White									
WC 415 English Porcelain									
WC427 HBCA									
WC 428 Babu Porcelain									
WC 431 LBW-70									
WC 618 #510									
WC 627 #850									
WC 628 #900									
WC 629 #910									
WC 631 #550									
WC 633 #570									
WC 636 #250 Raku									
WC 643 #901									
WC 809 Soldate 30									
WC 811 JSRH									
WC 823 Rod's Bod									
WC 835 Death Valley Red									
WC 838 Kai Porcelain									
WC 841 LBW-70									
WC 842 Danish Sand									
WC 843 Soldate 60									
WC872 Los Altos									
WC 885 Granite									
WC 886 B Mix grog paper									
WC 891 Red B Mix									
WC 893 B Mix w Grog									
WC 895 Refractory Body									
WC 896 Frost									
WC 899 B Mix Wood									
WC 953 Max's Paper									
EM 712 Max's Sculpture									



Pro-V Spray Booth



Pro-X Spray Booth

UNIVERSAL CLAYS



Low Fire | Mid Fire | High Fire | Paper Clay | Modeling Clay

*Each of these clay bodies are available nationwide at your convenience from any one of our 3 locations:
California, Ohio, and Florida.*

14400 Lomitas Ave.
City of Industry, CA 91746

61020 Leyshon Drive
Byesville, OH 43723

490 Kane Court
Oviedo, FL 32765

**Did you know that the rose is the national flower of the USA?*



Artist: Nicole Helen Brunner @wildbowerstudio
Clays Used: Red B Mix,
#60, #65, and #40 clay

Universal Low Fire Clays (Cone 06)



#10 - EM 100

Talc-free, white firing clay that is smooth and great for throwing and sculpture. Ideal for schools and beginners.



White - EM 210

The best all-purpose modeling and hand building clay. Formulated to work perfectly with our low fire glazes.

Universal Mid Fire Clays (Cone 5)



B-3 Brown - WC 391

Pliable clay with fine 48-mesh grog. Great for sculpture (use high gloss glaze when making dinnerware). Fires almost black when in oxidation.



B Mix 5 - WC 401

B-Mix 5 is everyone's favorite. Its smooth, porcelain texture is a pleasure to throw and form. Fires to an off white/cream color in oxidation.



Speckled Buff - WC 403

Speckled buff has a semi-smooth texture with low sand and grog content (48-200 mesh). An excellent throwing body.



B Mix w Speckles - WC 408

Same working properties as your favorite B Mix. Smooth, porcelain stoneware that is easily workable.



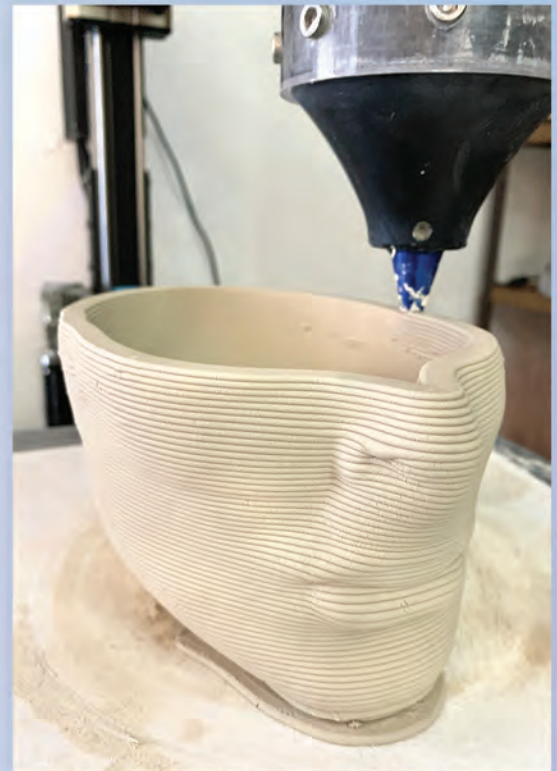
B Mix 5 w Grog - WC 436

A very fine 48-mesh grog makes for a more forgiving body with a slight texture and minimal speckling.



Frost 6 Porcelain - WC 437

An exceptionally white and translucent throwing porcelain for Cone 5-6. This clay takes time to master, but it is well worth it for the amazing results. ^ 6



3-D Printed Sculpture by Armin Haghnejad
Clay Used: B Mix 5 WC 401

Universal High Fire Clays (Cone 10) *High Fire clay tiles shown in Reduction



B Mix 10 - WC 379

A premier throwing clay that is easy to throw and form. Smooth porcelain texture. It is similar to porcelain but it throws like a dream.



Porcelain #550 - WC 631

Made primarily of English Grolleg. Contains plasticizers to make this the finest translucent porcelain available.



Soldate 60 - WC 843

Similar to Soldate-30 but contains finer 60 mesh sand. High sand content makes it an ideal choice for large thrown and sculptural forms.



B-Mix Paper & Grog - WC 886

Cone 10 B Mix clay with the addition of 48-mesh grog and paper fibers; provides a smooth fired texture and light speckling.



B Mix w Grog - WC 893

Cone 10 B Mix clay with the addition of fine 48-mesh grog; provides a smooth fired texture and light speckling.



Frost Porcelain - WC 896

This is the cone 10 version of our mid-fire frost. An exceptionally white and translucent throwing porcelain.



B Mix Wood Fire - WC 899

A special B-mix body for wood/salt firing. Takes salt & soda well. Exhibits flashing characteristics in wood firings. Up to Cone 12 atmospheric firings.



Max's Paper Clay - WC 953

Medium textured, low shrinkage body designed for large-scale work. Contains paper fibers and medium mesh grog (48-200 mesh). Try it and never sculpt with anything else.



Artist: Ruby Mandell @inspiredbyufy
Clay Used: B Mix WC 401

Universal Casting Slips (Cone 5-6)



Cool Blush - NS 120

After slip casting and when fired to Cone 6, this self-supporting doll casting slip presents with a hint of pink.



Warm Blush NS - 121

This Ferro filtered casting slip is a little less pink and more "tan" than the Cool Blush Porcelain Casting Slip.



Desert Beige - NS 122

A color out of the Southwest, The Desert Beige porcelain casting slip is the next, small step away from Cool Blush and Warm Blush toward tan/light brown.

Universal Casting Slips cont'd (Cone 5-6)



Warm Brown - NS 123

A medium, richly hued porcelain casting slip.



Antique White - NS 124

The Antique White porcelain casting slip offers more of a "cameo white" look than cool whites.



Very White - NS 125

A bright, cool white colored porcelain casting slip for slip casting; but not a "blue" white.



Sahara - NS 127

A soft, light, golden beige porcelain casting slip.



Cashew - NS 128

A darker and tanner version of the Desert Beige porcelain casting slip.



Mocha - NS 129

Lighter in color than the Warm Brown porcelain casting slip with a hint of pink.



Coffee - NS 130

A strong, dark brown colored porcelain casting slip for slip casting.



Snow - NS 131

A cold, blue white colored porcelain casting slip for slip casting.



Chocolate - NS 132

A softer shade of porcelain casting slip than Coffee.

Universal Paper Clays



B Mix Paper & Grog - WC 886

Cone 10 B-Mix clay with the addition of a grog and paper fibers; provides a smooth fired texture and light speckling.



Max's Paper Clay - WC 953

Medium textured, low shrinkage body designed for large-scale work. Contains paper fibers and medium mesh grog. Try it and never sculpt with anything else.
^06-10.



Artist: Courtney Gettler @courstudio
Clay Suggestion: HBCA WC 427

Universal Modeling/ Air Dry Clays



Mexo Red - WC 640
Suitable for throwing, coiling & sculpting.
Allow for some shrinkage. Air dries well. Store in an air-tight container until work is completed. Seal with a commercial water sealant to waterproof.



Mexo White - WC 641
Suitable for throwing, coiling & sculpting.
Allow for some shrinkage. Air dries well. Store in an air-tight container until work is completed. Seal with a commercial water sealant to waterproof.



WED - EM 217
Specifically formulated to be smooth & slow drying for modeling. Primarily used by design studios and the entertainment industry for modeling, design, mock-up and tooling. Not formulated to be fired.

Universal Wood Fire Clay



B Mix Wood Fire WC 899
A specially formulated version of B-mix body for wood and salt firing. Takes Salt/Soda well. Exhibits nice flashing characteristics in wood firings. Holds up well in Cone 12 atmospheric firings.



"Clay so buttery you just want to lick it"
- @katiemeilipottery





Artist: Barbara Hernandez

Hawaiian Red II
WC-365



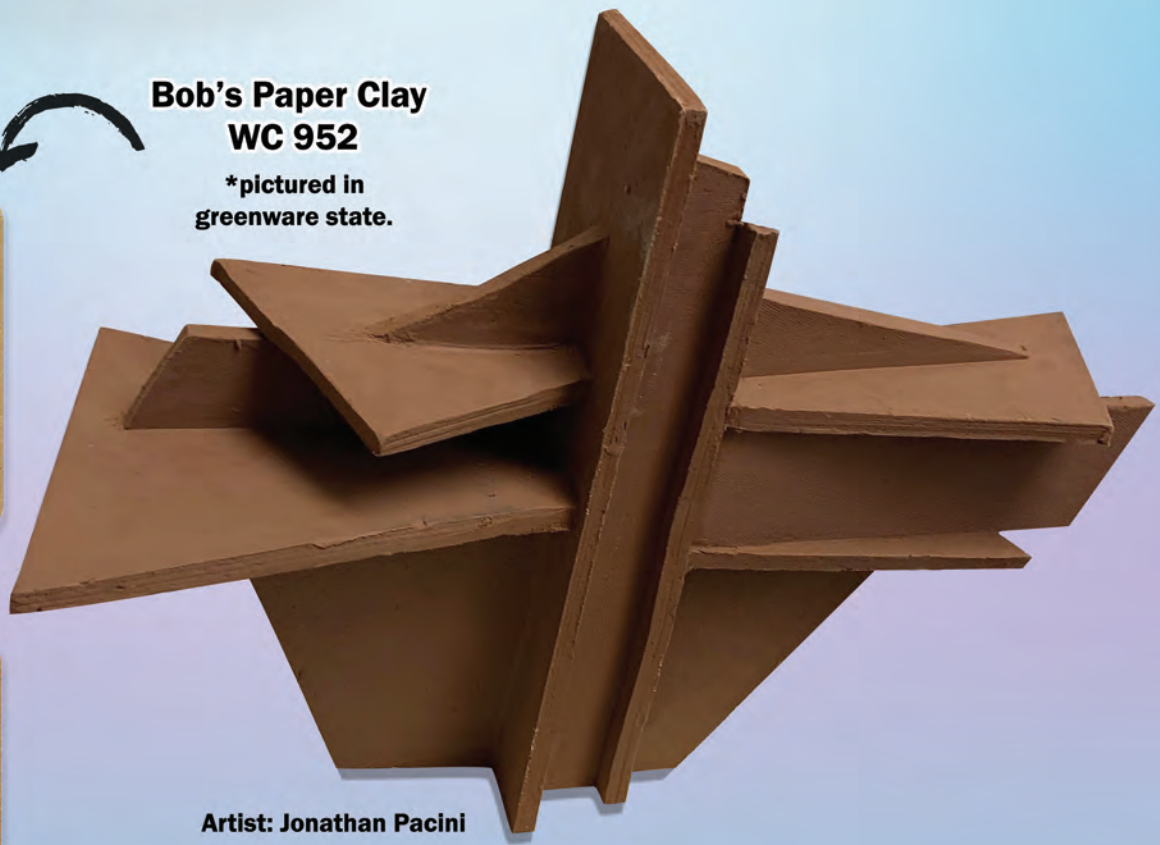
Bob's Paper Clay
WC 952

*pictured in
greenware state.

WC 952: Oxidation



WC 952: Reduction



Artist: Jonathan Pacini

CALIFORNIA CLAYS



Available from our headquarters in the sunny City of Industry these clays are available on the West Coast.



*Did you know that the Golden Poppy is California's official state flower?

14400 Lomitas Ave.
City of Industry, CA 91746

Fun Facts



Laguna Clay Co. started its origins right on Laguna Beach selling pots out of the back of a van.



California's state vegetable is the artichoke.



California is home of the Funk and Nut Art Movements.



Cali Low Fire Clays (Cone 06)



#10 - EM 100

Ideal for schools and beginners. Talc-free white firing clay, smooth, plastic, suitable for throwing and sculpture.



Red Clay - EM 207

Comparable in texture and working properties to EM-210, but fires to a reddish earthenware color. This clay is often used for terra cotta work.



White - EM 210

This is an all-purpose, smooth modeling clay. It is an excellent clay for beginning techniques such as coil and slab building. The white color makes it an ideal clay for use with low fire glazes.



Buff w Sand - EM 214

A buff-colored modeling clay with sand which makes it one of the best of the low fire clays for working on the potter's wheel. It is also stronger for larger sculptural pieces.



Terra Cotta Sculpture - EM 215

This coarse, 30-mesh, sandy, red clay was specifically formulated for sculpture work. It is also an excellent clay for throwing on the wheel and has exceptional strength, firing to a rich red/orange color.



Red Sculpture - EM 234

Engineered with 200-mesh grog and 60-mesh sand, this clay is great for large items where variation in wall thickness is a concern. Ideal for hand building, murals, decorative columns, tiles, etc. Minimal warping, shrinkage and cracking.



Laguna White - EM 330

A smooth, white clay that is pugged soft. A basic talc body. Very smooth off-white in oxidation.



Whiteware - EM 342

This low fire, white earthenware body has good throwing qualities and fires very strong and white.



R-2 Red - EM 343

This outstanding Ohio red clay earthenware formula is excellent for throwing, has good strength, and works well for Majolica ware. Fires warm red in oxidation from Cone 06 to Cone 2.



R-2 w Grog - EM 344

R-2 Red with fine to medium grog added makes this low fire, red body particularly well-suited for hand building, throwing or sculpting small to medium-sized pieces.



Whiteware w Grog - EM 347

Same clay as Whiteware EM 342 with grog added. A favorite in classrooms and excellent for both hand building and wheel work.



#8 Pressing - EM 348

Popular for ram pressing. Contains additional minerals which enhances the ability to release organic gases during firing, reducing pin holing.



Artist: Kelsey Bowen @kjbowen
Clay Used: B Mix

Cali Mid Fire Clays (Cone 5)



Hawaiian Red - WC 365

A red, slightly coarse clay with 60-mesh grog and excellent working properties for wheel throwing and hand building. It is talc-free and contains sand, making it suitable for medium sized forms.



Red Sculpture - WC 390

A medium-coarse textured clay that has a large amount of 60-mesh sand and 20-mesh grog. Fires to brick red in oxidation and to dark brown in reduction.



B-3 Brown - WC 391

Pliable clay with smooth grog. Great for sculpture (use high gloss glaze when making dinnerware). Fires almost black when in oxidation.



Buff Sculpture - WC 392

Excellent coarse sculpture body with 60 mesh sand and 30 to 60 mesh grog. Nice range of firing colors from buff to dark tan. Low shrinkage.



LB6 - WC 393

A Long Beach type body with 60 mesh sand and color provided by manganese dioxide. Fires gray/brown when reduced and light gray when oxidized.



SB Red - WC 394

Semi-smooth red body with sand and grog. Fires paver tile red in oxidation and chocolate in reduction.



Porcelain 5 - WC 395

Smooth, very good throwing, vitreous Cone 3 to 5 porcelain. Excellent results with gas or electric firing. Gray to off-white in oxidation.



WS 5 - WC 397

A gray/white body with fine 60-mesh sand. Care should be taken when used for functional ware, not totally vitrified in most Cone 5 firings. Can be used to Cone 10.

Cali Mid Fire Clays (Cone 5) cont'd



WS 4 - WC 398

Similar to WS-5 but with added flux and 60 mesh sand for lower water absorption. Good to Cone 8.



Moroccan Sand - WC 400

A favorite casting slip, now available in a similar Cone 5 pugged body. Body has 60 mesh sand and is quite vitreous, ideal for throwing functional ware.



B Mix - WC 401

B-Mix 5 offers the same characteristics enjoyed by our Cone 10 B-Mix. Its smooth, porcelain texture is a pleasure to throw and form.



Half & Half 5 - WC 402

By combining equal amounts of white stoneware and porcelain this makes it an enjoyable throwing or tile body with 60 mesh sand.



Speckled Buff - WC 403

Low in sand and grog content (20-48 mesh grog & 60 mesh sand), speckled buff is smooth textured. An excellent throwing body.



Santa Fe - WC 404

Low in sand & grog content (20-48 mesh grog & 60 mesh sand), medium coarse. An excellent throwing body. Color palette is best described as 'desert' or 'Southwest'.



B Mix w Speckles - WC 408

Smooth, porcelaneous stoneware that is very plastic and workable. Slow drying/ample compression on rims & bottoms is advisable. Cone 6 is not recommended.



Redstone - WC 420

With medium - 48 mesh grog, Redstone has minimal porosity at Cone 6. A superior functional clay, ideal for handbuilding and throwing small to medium sized pieces.



Greystone - WC 423

A versatile Cone 5-7 stoneware body. This medium to smooth textured clay is well suited for classroom involving both handbuilding and throwing.



RSMC - WC 429

A medium-smooth textured, red Cone 5 stoneware body with 48 mesh grog. Has very low porosity and is excellent for functional ware.



B Mix w Grog - WC 436

A very fine 48 mesh grog makes for a more forgiving body with a slight texture and minimal speckling.



Frost 6 Porcelain - WC 437

An exceptionally white and translucent throwing porcelain for Cone 5-6. This clay takes time to master, but it is well worth it for the amazing results. ^ 6



Red B Mix w Grog - WC 438

A medium sized 48 mesh grog version of our B Mix but in a warm orange brown color. Very forgiving during drying and good for forming larger sized objects.



Mission Red - WC 439

A rich and beautiful locally mined clay. Great for sculpture and throwing large pieces.



#16 Porcelain - WC 617

Grolleg Cone 6 porcelain. Similar to #15 with more ball clay, making it less white, more plastic and forgiving. Additional silica reduces crazing in some glazes.



Azabache - LC 3

Rich toned black clay at cone 5. Really smooth throwing body for mid-scale work. With the color content of this clay, we recommend firing no hotter than cone 5. Glaze testing is encouraged.

Cali Mid Fire Clays (Cone 5) cont'd



52 Buff w Sand - WC 850

The addition of sand to 52 Buff increases its strength and workability, making it a better choice for medium sized pieces. Medium coarse texture.



52 Buff - WC 851

A smooth clay which is good for general purpose use, such as small thrown pieces and hand building.



Hagi Porcelain - WC 861

Hagi is good Cone 5 porcelain clay for throwing small pieces and hand building. It has a smooth texture. Hagi fires white in oxidation and off-white in reduction.



Electric Brown - WC 866

Rich brown color when fired in an electric kiln. Good strength for wheel throwing/hand building. Contains 60 mesh sand, texture is slightly coarse.



Calico - WC 871

Good, general purpose clay that works well for all forming methods. Specks generally bleed into glazes. 60 mesh sand gives a medium texture.



Dover White - WC 877

Excellent for medium pieces as well as dinnerware. The addition of fine sand gives a great deal of strength to this plastic body.



Red Calico - WC 881

The clay body is a rich red version of our Calico clay. Fires brick red in oxidation and red/brown in reduction.



Murrita Red - LC 6

Clay mined locally for a smaller carbon footprint.



Cajalco - LC 7

Clay mined locally for a smaller carbon footprint.



Laguna Sculpture - LC 4

This clay body is similar to Soldate but with 20 mesh grog vs sand. Beautiful buff color and takes glazes well for large sculpture and slab work from cone 5-10.



Dark Horse - LC 5

A dark/black course cone 5 clay capable of being used for tile and larger sculptural works. Pieces up to 5 inches thick have been fired with no bloating issues. Testing glazes recommended.



Elsinore Buff - LC 8

Clay mined locally for a smaller carbon footprint.

Artist: Lyndsie Harris
@ceramicsaguaro

Clay Used: Terra Cotta Sculpture EM 215





Amador - WC 370

An outstanding, all-purpose, orange/brown, moist body. Includes fine 60 mesh sand & is a difficult body to crack during firing. Durable and affordable. Good for professional or student.



Big Pot - WC 371

Coarse body designed specifically for use with large ware in mind. 30-60 mesh sand & 20 mesh grog in this body allow for throwing tall, hollow forms. Fires brown when reduced and buff if oxidized.



Big Red - WC 372

Coarse body designed specifically for use with large ware in mind. 30-60 mesh sand & grog in this body allow for throwing tall, hollow forms. Fires brown reduced and buff oxidized.



Dark Brown - WC 373

A medium coarse, dark clay with 60 mesh sand. Turns deep brown in reduction and brown in oxidation. Good for various forming techniques.



LB Blend - WC 376

One of our most popular clays, very fluid throwing clay which is also extremely popular for throwing open forms—small to large. The formula includes iron & 60 mesh sand.



B Mix 10 - WC 379

A premier throwing clay that is easy to throw and form. Smooth porcelain texture. It is similar to porcelain but it throws like a dream.



B Mix w Sand - WC 380

The addition of 10% fine feldspathic sand allows for a body with some texture. Fires gray/white when reduced and off-white when oxidized, some speckling may occur.



Big White - WC 381

A gray/white clay with large throwing properties. 60 mesh sand and 30 to 60 mesh grog allow for strength. Fires gray in reduction and light buff/white in oxidation. Excellent for Raku.



Half & Half - WC 382

Equal combination of white stoneware & porcelain. Very throwable white body that is tinted a light gray/white in reduction and slightly off-white in oxidation. Made with fine sand.



Dave's Porcelain - WC 384

An outstanding throwing body. Ideal for thin walls and larger pieces, and excellent for slab use and when a vitreous clay is desirable. Light gray in reduction, off-white in oxidation.



WS 10 - WC 387

A light gray clay with fine sand. Fires off-white in oxidation and light gray with some speckling in reduction. Slightly open body may not be suitable for functional ware under some conditions.



WSO - WC 389

Fine sand. A Cone 10 (and higher) clay which fires off-white in oxidation and gray/white in reduction. Good for Raku at low temperature. Slightly open body even at Cone 10.



CA 2 - WC 409

All-around stoneware with medium to fine grog. A blend of California and Missouri fireclays. Very plastic body. Fires orange-brown in reduction.



Stony White - WC 412

White stoneware with a stony mottled look in reduction. Good throwing clay suitable for dinnerware with lower than average shrinkage.



English Porcelain - WC 415

A grolleg porcelain body with excellent throwing properties. Very translucent with minimal warpage.



HBCA - WC 427

Excellent throwing stoneware. A very plastic body which is orange-brown with slight speckling in reduction.



Babu Porcelain - WC 428

A grolleg porcelain. Very white in oxidation and good for dinnerware.



LBW 70 - WC 431

A popular version of L.B. Blend without any added iron and made smoother with fine sand. Fires to a toasty golden color in reduction.



#550 - WC 631

Made primarily of English Grolleg. Contains plasticizers to make this the finest translucent porcelain available for throwing, thin slab work and hand building.



Soldate 30 - WC 809

High sand content which makes it an ideal choice for large thrown pieces and sculptural forms. Fires to a yellow-brown color under medium reduction. Very coarse texture.



JSRH - WC 811

A coarse, red clay body containing sand & grog. Good strength & plasticity for throwing medium to large pieces. Fires to a nice orange-brown color under light to medium reduction.



Death Valley Red - WC 835

A medium-coarse textured, reddish clay. It is similar to Rod's Bod in throwing qualities, but fires to a darker brown color and has the same iron speckling. Good for small to medium pottery.



Kai Porcelain - WC 838

A good porcelain for wheel thrown forms because of its strength, durability and plasticity. Kai fires white in oxidation and eggshell in reduction.



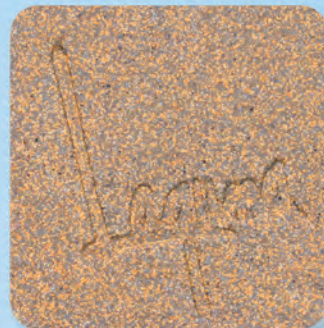
Danish White - WC 841

Good choice for small to medium work. It has exceptional strength and plasticity. Danish White fires off-white in oxidation and grayish in reduction. It has a smooth texture.



Danish White w Sand - WC 842

The addition of sand to Danish White adds greater strength for throwing larger pieces. The fired color is the same, but the texture is slightly coarse.



Soldate 60 - WC 843

Same formula as Soldate-30, but with finer 60 mesh sand. Texture is medium coarse. Gray in the raw form with a high sand content. Ideal choice for large thrown pieces and sculptural forms.



Los Altos Blend - WC 872

This is a slightly coarse clay which contains 60 mesh sand. Excellent properties for all forming methods, and fires to a rich orange-brown color in medium reduction.



Granite - WC 885

Gray clay with black specks resembles a stone. Excellent for small to medium wheel throwing and hand building.



B Mix Paper w Grog - WC 886

Cone 10 B-Mix clay with the addition of a very fine grog; provides a smooth fired texture and light speckling.



Red B Mix w Grog - WC 891

Medium sized grog version of Cone 10 B Mix clay body with the addition of red clay to achieve a warm brown color. Very forgiving during drying. Good for forming larger sized objects.



B Mix w Grog - WC 893

Cone 10 B Mix clay with the addition of a very fine grog; makes a smooth fired textured surface with light speckling.



Refractory Body - WC 895

Low expansion, semi-coarse high temperature slipcast body for refractory use. Best refractory quality when fired at Cone 13.



Frost 10 Porcelain - WC 896

An exceptionally white and translucent throwing porcelain for Cone 10.



B Mix Wood Fire - WC 899

A specially formulated version of B-mix body for wood/salt firing. Takes Salt & Soda well. Exhibits nice flashing characteristics in wood firings. Holds up well in Cone 12 atmospheric firings.



Max's Paper Clay - WC 953

Medium textured, low shrinkage body designed for large-scale hand-built sculpture and tile work. Contains a moderate amount of fine and medium mesh grog.



Everest - LC 1

Designed with the intention of wood fire, salt and extreme applications along with beautiful opportunities for crystalline glazes. It has been tested in our tunnel kiln at cone 14 with no slumping. Superb plasticity, whiteness and throwing qualities make this clay amazing. Not translucent.



Sable Black- LC 2

Lightly grogged with no sand and has shown to do really well with both hand built and thrown ceramic wares. Black clays can affect glazes so testing will be required.



Glaze choices? We have plenty of them. Head over to www.LagunaClay.com to view the possibilities.

* Cone 10 glazes pictured above.

Cali Casting Slips (Cone 04-06)



MCP Artware - CN 301

A popular, high-talc casting slip body also available in dry form.



White Star - CN 401

All-purpose casting clay with excellent plasticity. Produces strong greenware & fires white. Works well with most low fire glazes. Fire Cone 06-04. Also available as a dry blend.



Red Star - CN 402

This very popular Cone 06 casting body is a warm, red-orange color. If the terra cotta look is what you want, this casting slip is a good choice. Also available as a dry blend.



Terra Cotta - S 704

An old favorite red casting body which produces quality, smooth ware. Also available as a dry blend.



Artware - S 821

Our most popular white firing artware clay. Ideal for greenware for use in the hobby industry and contemporary studios as well as for general, low fire, artware production.



S 825 Terra Cotta

A casting slip that is very similar to S-704G, darker terra cotta body.



Raku CB - CN 110

Formulated for optimum thermal shock resistance & fast firing of small to large items. Provides a smooth, tight surface. Good for fast firings. Tolerates higher temperatures (can be fired to Cone 5).

Cali Casting Slips (Cone 5-6)



Moroccan Sand - CN 304

Original Cone 5 stoneware casting body. Fires well in both gas & electric kilns. Semi-vitreous, hard ware. Makes a reliable stoneware slip that can be cast in all standard molds.



Sani-Ware - CN 305

An excellent off-white casting body for sanitary ware. This Cone 5 casting slip body has good greenware strength and is very forgiving.



Pearl - CN 4110

High castable and translucent casting slip. Dispersal is the only deflocculant recommended for this porcelain. Instructions available upon request.



Cool Blush - NS 120

After slip casting and when fired to Cone 6; this self-supporting doll casting slip presents with a hint of pink.



Warm Blush - NS 121

This Ferro filtered casting slip is a little less pink and more "tan" than the Cool Blush Porcelain Casting Slip.



Antique White - NS 124

The Antique White porcelain casting slip offers more of a "cameo white" look than cool whites.



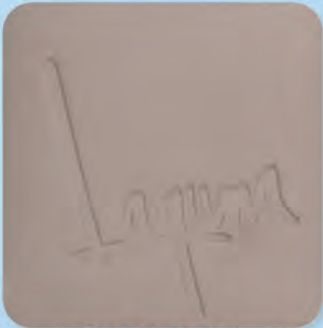
Very White - NS 125

A bright, cool white colored porcelain casting slip for slip casting; but not a "blue" white.



Cashew - NS 128

A darker and tanner version of the Desert Beige porcelain casting slip.



Mocha - NS 129

Lighter in color than the Warm Brown porcelain casting slip with a hint of pink.



Coffee - NS 130

A strong, dark brown colored porcelain casting slip for slip casting.



Snow - NS 131

A cold, blue white colored porcelain casting slip for slip casting.



Chocolate - NS 132

A softer shade of porcelain casting slip than Coffee.



White Stoneware - S 965

Cone 5-6, all-purpose, cream color, stoneware casting body. Also available as dry blended casting slip.



Glacier White - S 3128

A slip casting porcelain highly translucent from cone 5 to 8. Builds very quickly in the mold and maintains translucent character up to a 1/4" thickness.

Scan here to learn more about our kilns



Cali Casting Slips (Cone 10)



Toshi Porcelain - WC 829

A smooth, white porcelain Cone 10 body which has been formulated for slip casting. Can be cast in all standard molds. Fires white in oxidation and eggshell in reduction firing.



Speckstone - WC 830

A Cone 10 stoneware specifically formulated for slip casting. Speckstone fires to a grayish-white color in oxidation and a medium gray-brown in reduction.



Refractory Body - WC 895

Low expansion, semi-coarse high temperature slipcast body for refractory use. Best refractory quality when fired at Cone 13.

Raku Clay



Raku K White - EM 345

Medium to fine texture, excellent throwing Raku clay reinforced with kyanite for exceptional thermal shock resistance.



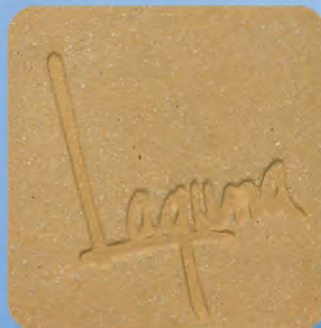
Copper Raku R-13 glaze

Paper Clays



B Mix Paper w Grog - WC 886

Cone 10 B-Mix clay with the addition of a very fine grog; provides a smooth fired texture and light speckling.



Bob's Paper Clay - WC 952

Excellent throwing characteristics. Pulls up well for tall and horizontal forms. Plasticity with high grog. Use of minimal water when throwing. Resistance to cracks and warps. *pictured in Oxidation. For picture in Reduction, visit LagunaClay.com



Max's Paper Clay - WC 953

Medium textured, low shrinkage body designed for large-scale hand-built sculpture and tile work. Contains a moderate amount of fine and medium mesh grog.

Modeling/ Air Dry Clays



Mexo Red - WC 640

Suitable for throwing, coiling & sculpting. Allow for some shrinkage. Air dries well. Store in an air-tight container until work is completed. Seal with a commercial water sealant to waterproof.



Mexo White - WC 641

Suitable for throwing, coiling & sculpting. Allow for some shrinkage. Air dries well. Store in an air-tight container until work is completed. Seal with a commercial water sealant to waterproof.



WED - EM 217

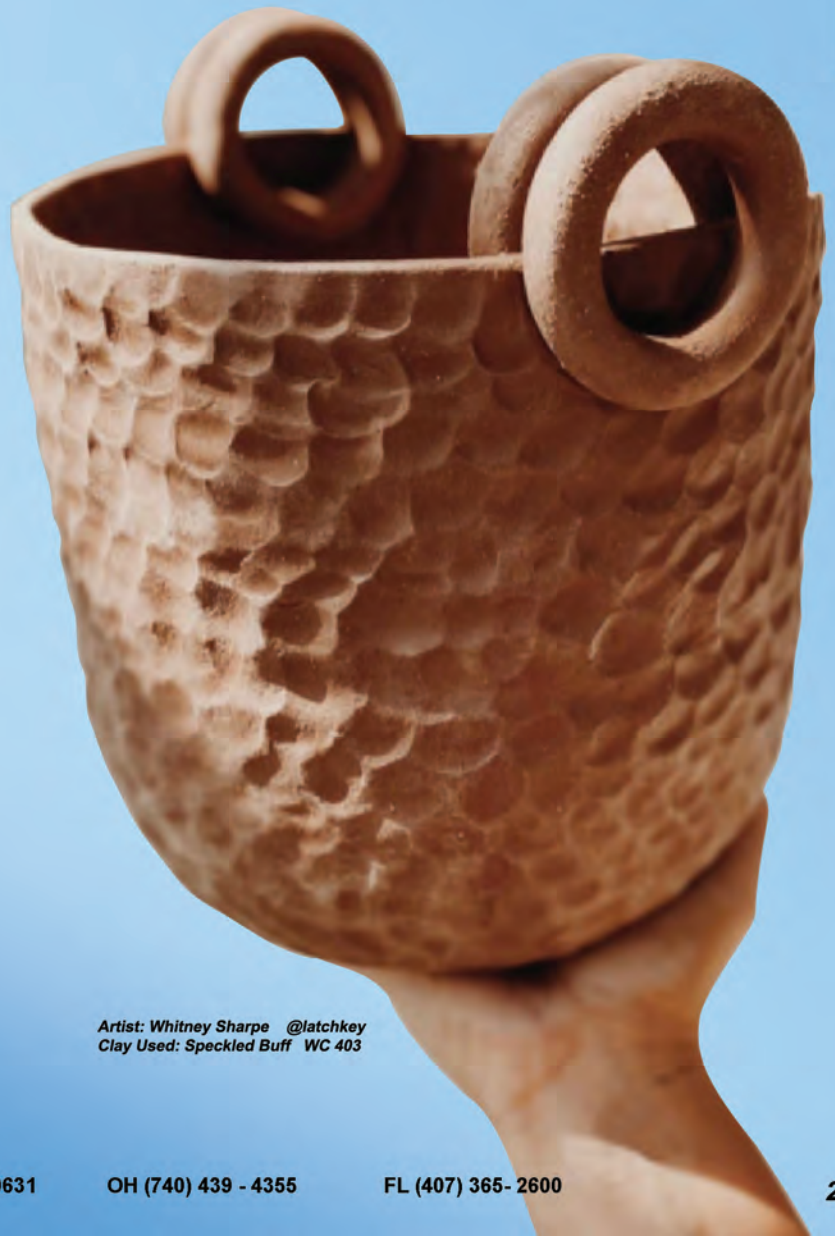
Specifically formulated to be smooth & slow drying for modeling. Primarily used by design studios and the entertainment industry for modeling, design, mock-up and tooling. Not formulated to be fired.

Flameware



Laguna Flameware - WC 440

Formulated to resist the shock of an open flame with exceptional heat retaining properties. Great for gas, electric ranges, ovens, broilers, barbeques, microwaves etc. (Cone 5).



Artist: Whitney Sharpe @latchkey
Clay Used: Speckled Buff WC 403

OHIO CLAYS



From the "Buckeye State" here are our clays available in Ohio.



61020 Leyshon Dr
Byesville, OH 43723

Fun Facts



*Did you know that the red carnation is Ohio's official state flower?



🚦 The first traffic light was in Cleveland, Ohio.

👤 8 US presidents were born in Ohio.

🌊 Ohio gets its name from the Iroquois word 'ohi-yo', which means "great river". Ohio has over 40,000 miles of waterways.

Ohio Low Fire Clays (Cone 06)



#10 - EM 100

Ideal for schools and beginners. Talc-free white firing clay, smooth, plastic, suitable for throwing and sculpture.



#10G - EM 101

Talc-free, white firing, grogged/plastic, suitable for throwing & sculpture. Medium grog added. *Lower shrinkage*



#10T - EM 103

A smooth, plastic, white body with a small percentage of talc to create an optimum glaze fit. Excellent for handbuilding.



#20 - EM 106

A smooth, plastic, terra cotta colored clay for wheel throwing and excellent for hand building as well. Fires to a rich terra cotta red.



#20G - EM 107

#20-G has the same properties as EM-106 Miller #20 with a fine grog added for slightly less shrinkage and improved workability.



White - EM 210

This is an all-purpose, smooth modeling clay. It is an excellent clay for beginning techniques such as coil and slab building. The white color makes it an ideal clay for use with low fire glazes.



Artist: Bryan Wilkerson @bryanwilkerson Clay Used: B Mix

Ohio Mid Fire Clays (Cone 5)



B-3 Brown - WC 391

Pliable clay with smooth grog. Great for wheel throwing and sculpture (use high gloss glaze when making dinnerware). Color comes from manganese/iron. Fires almost black.



B Mix - WC 401

B-Mix 5 offers the same characteristics enjoyed by our Cone 10 B-Mix. Its smooth, porcelain texture is a pleasure to throw and form, and it fires to a cream color in oxidation.



Speckled Buff - WC 403

Low in sand and grog content (20-48 mesh grog & 60 mesh sand), speckled buff is smooth textured. An excellent throwing body.



B Mix w Speckles - WC 408

Smooth, porcelainous stoneware that is very plastic and workable. Slow drying/ample compression on rims & bottoms is advisable. Cone 6 is not recommended.



B Mix w Grog - WC 436

A very fine 48 mesh grog makes for a more forgiving body with a slight texture and minimal speckling.



Frost 6 Porcelain - WC 437

An exceptionally white and translucent throwing porcelain for Cone 5-6. This clay takes time to master, but it is well worth it for the amazing results.



Red B Mix w Grog - WC 438

A medium sized 48 mesh grog version of our B Mix but in a warm orange brown color. Very forgiving during drying and good for forming larger sized objects.



#40 - WC 602

Dark buff firing clay. Versatile, medium textured throwing body.



WC-603 #45

#45 - WC 603

Buff stoneware for the production potter. Throwing properties are excellent, also works well in hand building and slab work. Fires slightly lighter than #40 buff.



WC-606 #50

#50 - WC 606

Light sand color with fine specks. Excellent cone 6 throwing body which enhances glaze colors & effects. The perfect stoneware look.



WC-607 #55

#55 - WC 607

Excellent off-white stoneware for wheel & functional work. Minor speckling. Neutral glazes are not altered by its ingredients allowing for purer glaze color.



WC-608 #60

#60 - WC 608

Stoneware clay with specks that bleed through the glaze, giving the appearance of iron burning through. Popular throwing clay for production potters who want to add the speck dimension to their ware.



WC-609 #65

#65 - WC 609

Smooth white stoneware, good for throwing and production of functional whiteware.



WC-610 #66

#66 - WC 610

Same as #65 but includes sand, making it quite desirable for tile, slabs and hand building.



WC 611 #70

#70 - WC 611

A very plastic throwing clay, medium dark in color, featuring heavy speckling. Creates excellent glaze effects.

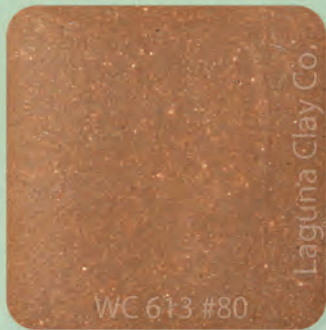


WC 612 #75

#75 - WC 612

A good wheel and hand building clay body, dark in fired color at Cone 6. Iron colorants in body enhance most glaze color developments.

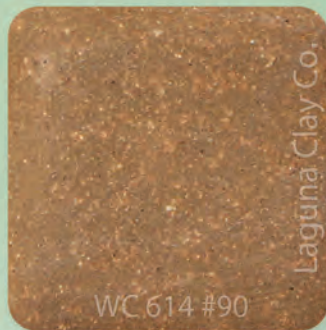
Ohio Mid Fire Clays cont'd (Cone 5)



WC 613 #80

#80 - WC 613

Similar to #40 but fires to red/brown in oxidation, very plastic for throwing.



WC 614 #90

#90 - WC 614

Formulated with fine grog and red art to obtain rich dark color. Good for outdoor pots as well as functional pottery and sculpture when fired to Cone 6.



#15 - WC 616

Translucent porcelain. An excellent grogged body for throwing thin pieces.



WC 617 #16

#16 Porcelain - WC 617

Grogged Cone 6 porcelain. Similar to #15 with more ball clay, making it less white, more plastic and forgiving. Additional silica reduces crazing in some glazes. Good for slab forming.



Azabache - LC 3

Rich toned black clay at cone 5. Really smooth throwing body for mid-scale work. With the color content of this clay, we recommend firing no hotter than cone 5. Glaze testing is encouraged.



Laguna Sculpture - LC 4

This clay body is similar to Soldate but with 20 mesh grog vs sand. Beautiful buff color and takes glazes well for large sculpture and slab work from cone 5-10.



Dark Horse - LC 5

A dark/black course cone 5 clay capable of being used for tile and larger sculptural works. Pieces up to 5 inches thick have been fired with no bloating issues. Testing glazes recommended.

Artist: Jonathan Yamakami @jonathan.yamakami
Clay Used: B-3 Brown *pictured in greenware state

Ohio High Fire Clays (Cone 10)



B Mix 10 - WC 379

A premier throwing clay that is easy to throw and form. Smooth porcelain texture. It is similar to porcelain but it throws like a dream.



B Mix w Sand - WC 380

The addition of 10% fine feldspathic sand allows for a body with some texture. Fires gray/white when reduced and off-white when oxidized, some speckling may occur.



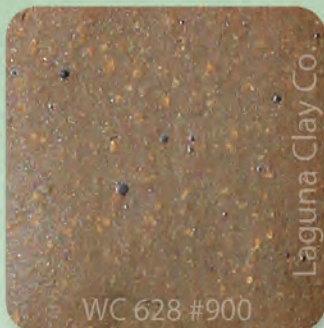
#510 - WC 618

A very popular white stoneware, #510 is a very plastic, smooth throwing clay with superior hand building and slab properties. Contains fine grog.



#850 - WC 627

An off white, typical light stoneware throwing clay. Medium texture for good tooth. Contains fire clay, no additional color.



#900 - WC 628

This is considered by many to be the best clay for production pottery. Ideal for those who Sgraffito, wax resist and want a finer texture to minimize picking. Great for planters, etc.



#910 - WC 629

This low sulfur body is less prone to bloating than most clays in Cone 10 reduction firings. You will appreciate minimal sulfur odor. Warm toast color in reduction. Similar properties to #900.



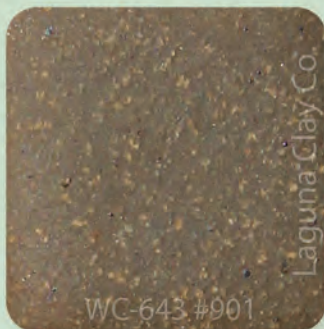
#550 - WC 631

Made primarily of English Grolleg. Contains plasticizers to make this the finest translucent porcelain available for throwing, making thin slab work and hand building.



#570 - WC 633

Grolleg porcelain. Similar to #550. A well accepted standard for grolleg clay bodies. Can be fired a little hotter than #550.



#901 - WC 643

A modification of WC-628 Miller #900. Fine sand is added to maximize stability in firing and drying.



Soldate 60 - WC 843

Same formula as Soldate 30, but with finer 60 mesh sand. Texture is medium coarse with high sand content. Ideal choice for large thrown pieces and sculptural forms.



B Mix Paper w Grog - WC 886

Cone 10 B Mix clay with the addition of a very fine grog; provides a smooth fired texture and light speckling.



B Mix w Grog - WC 893

Cone 10 B-Mix clay with the addition of a very fine grog; provides a smooth fired texture and light speckling.



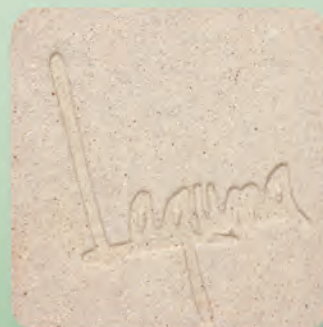
Frost 10 Porcelain - WC 896

An exceptionally white and translucent throwing porcelain for Cone 10.



B Mix Wood Fire - WC 899

A specially formulated version of B-mix body for wood/salt firing. Takes Salt & Soda well. Exhibits nice flashing characteristics in wood firings. Holds up well in Cone 12 atmospheric firings.



Max's Paper Clay - WC 953

Medium textured, low shrinkage body designed for large-scale hand-built sculpture and tile work. Contains a moderate amount of fine and medium mesh grog. ^06-10



Everest - LC 1

Designed with the intention of wood fire, salt and extreme applications along with beautiful opportunities for crystalline glazes. It has been tested in our tunnel kiln at cone 14 with no slumping. Superb plasticity, whiteness and throwing qualities make this clay amazing. Not translucent.

Ohio High Fire Clays cont'd (Cone 10)



Sable Black- LC 2

Lightly grogged with no sand and has shown to do really well with both hand built and thrown ceramic wares. Black clays can affect glazes so testing will be required.

Ohio Low Fire Casting Slips (Cone 06-04)



Miller Slip - NS 1

The East Coast standard of casting slips for slip casting low fire hobby ceramics. Fires white and is craze-free with most low fire glazes.

Ohio Mid Fire Casting Slips (Cone 5-8)



Dover - NS 4

A white Cone 6, all purpose stoneware casting slip body for slip casting.



Grits - NS 5

Stoneware Slip. Cone 6. This tan slip with specks produces a great sandstone stoneware.



Cool Blush NS 120

After slip casting and when fired to Cone 6; this self-supporting doll casting slip presents with a hint of pink.



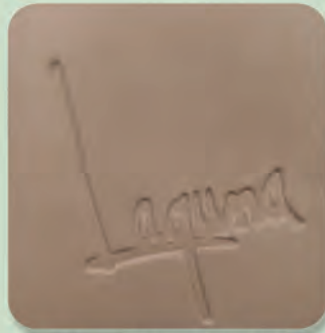
Warm Blush - NS 121

This Ferro filtered casting slip is a little less pink and more "tan" than the Cool Blush Porcelain Casting Slip.



Desert Beige - NS 122

A color out of the Southwest, Desert Beige porcelain casting slip is the next small step away from Cool Blush and Warm Blush toward tan/light brown.



Warm Brown - NS 123

A medium, richly hued porcelain casting slip.



Antique White - NS 124

The Antique White porcelain casting slip offers more of a "cameo white" look than cool whites.



Very White - NS 125

A bright, cool white colored porcelain casting slip for slip casting; but not a "blue" white.



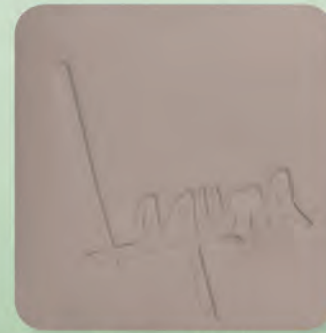
Sahara - NS 127

A soft, light, golden beige porcelain casting slip.



Cashew - NS 128

A darker and tanner version of the Desert Beige porcelain casting slip.



Mocha - NS 129

Lighter in color than the Warm Brown porcelain casting slip with a hint of pink.

Ohio High Fire Casting Slip (Cone 10)



500L - NS 8

A popular Cone 10 whiteware casting slip. Fires white in oxidation, gray in reduction.



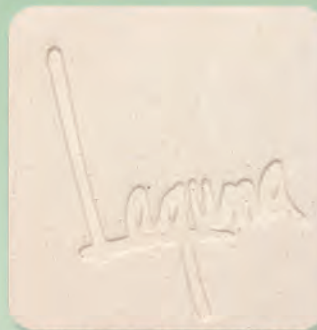
Artist: Claire Gill @bluegillceramics
Clay Used: #550 WC 631

Ohio Raku Clays



#250 - WC 636

A smoother raku body than #200. Works well under the toughest conditions.



B Mix Paper w Grog - WC 886

Cone 10 B-Mix clay with the addition of a very fine grog; provides a smooth fired texture and light speckling.



Max's Paper Clay - WC 953

Medium textured, low shrinkage body designed for large-scale hand-built sculpture and tile work. Contains a moderate amount of fine and medium mesh grog. ^06-10.



Artist: Gina Feddersen @isolabellastudio
Clay Used: #50 WC 606



Mexo Red - WC 640

Suitable for throwing, coiling & sculpting. Allow for some shrinkage. Air dries well. Store in an air-tight container until work is completed. Seal with a commercial water sealant to waterproof.



Mexo White - WC 641

Suitable for throwing, coiling & sculpting. Allow for some shrinkage. Air dries well. Store in an air-tight container until work is completed. Seal with a commercial water sealant to waterproof.



WED - EM 217

Specifically formulated to be smooth & slow drying for modeling. Primarily used by design studios and the entertainment industry for modeling, design, mock-up and tooling. Not formulated to be fired.



B Mix Wood Fire - WC 899

A specially formulated version of B-mix body for wood and salt firing. Takes Salt/Soda well. Exhibits nice flashing characteristics in wood firings. Holds up well in Cone 12 atmospheric firings.

Artist: Rachel Durham @rachelrdurham Clay Suggestion: #16 Porcelain WC 617



Artist: Logan Burn @dust_on_the_sill Clay Suggestion: Dark Brown WC 373



Artist: Nancy Armitage @formnfunc Clay Used: Electric Brown WC 866



Artist: Melissa Baca Clay Suggestion: SB Red WC 394



FLORIDA CLAYS



Now from the Sunshine state, these clays are exclusively available in Florida.



**490 KANE COURT
OVIEDO, FL 32765**

Fun Facts



*Florida produces over 70% of the country's oranges and 40% of the world's orange juice supply.



*Central Florida is actually the most prone place for lightning in all of the USA.



*Everglades National Park is the only place in the world where you can find crocodiles and alligators living together.

**Did you know that the Orange Blossom is Florida's official state flower?*

Florida Low Fire Clays (Cone 06)



EM 100

Talc-free, white firing clay that is smooth and great for throwing and sculpture. Ideal for schools and beginners.



#10G - EM 101

Talc-free, white firing, grogged/plastic, suitable for throwing & sculpture. Medium grog added. Low shrinkage.



#10T - EM 103

A smooth, plastic, white body with a small percentage of talc to create an optimum glaze fit. Popular among production potters and is also excellent for hand building. "Forgiving" nature.



#20 - EM 106

A smooth, plastic, terra cotta colored clay for wheel throwing and excellent for hand building as well. Fires to a rich terra cotta red.



#20G - EM 107

#20-G has the same properties as EM-106 Miller #20 with a fine grog added for slightly less shrinkage and improved workability.



White - EM 210

This is an all-purpose, smooth modeling clay. It is an excellent clay for beginning techniques such as coil and slab building. The white color makes it an ideal clay for use with low fire glazes.

Florida Mid Fire Clays (Cone 5)



B Mix - WC 401

B-Mix 5 offers the same characteristics enjoyed by our Cone 10 B-Mix. Its smooth, porcelain texture is a pleasure to throw and form, and it fires to a cream color in oxidation.



Speckled Buff - WC 403

Low in sand and grog content (20-48 mesh grog & 60 mesh sand), speckled buff is smooth textured. An excellent throwing body.



B Mix w Speckles - WC 408

Smooth, porcelainous stoneware that is very plastic and workable. Slow drying/ample compression on rims & bottoms is advisable. Cone 6 is not recommended.



B Mix w Grog - WC 436

A very fine grog makes for a more forgiving body with a slight texture and minimal speckling.



Frost 6 Porcelain - WC 437

An exceptionally white and translucent throwing porcelain for Cone 5-6. This clay takes time to master, but it is well worth it for the amazing results. ^ 6



#40 - WC 602

Dark buff firing clay. Versatile, medium textured throwing body.



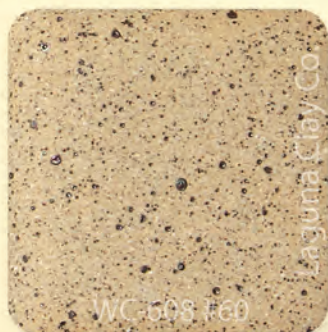
#50 - WC 606

Stoneware favorite. Light sand color with fine specks. Excellent cone 6 throwing body which enhances glaze colors & effects. The perfect stoneware look.



#55 - WC 607

Excellent off-white stoneware for wheel & functional work. Minor speckling caused by fireclay enhances appearance.



#60 - WC 608

Stoneware clay with specks that bleed through the glaze, giving the appearance of iron burning through. Popular throwing clay for production potters who want to add the speck dimension to their ware.



#65 - WC 609

Smooth white stoneware, good for throwing and production of functional whiteware.



#66 - WC 610

Same as #65 but includes sand, making it quite desirable for tile, slabs and handbuilding.



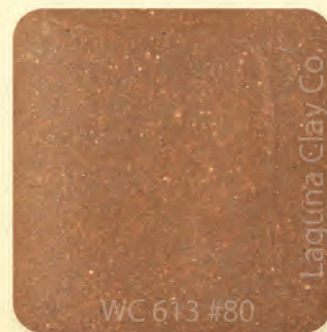
#70 - WC 611

A very plastic throwing clay, medium dark in color, featuring heavy speckling. Creates excellent glaze effects.



#75 - WC 612

A good wheel and hand building clay body, dark in fired color at Cone 6. Iron colorants in body enhance most glaze color developments.



#80 - WC 613

Similar to #40 but fires to red/brown in oxidation, very plastic for throwing.

Florida Mid Fire Clays cont'd (Cone 5)



#90 - WC 614

Formulated with fine grog and red art to obtain rich dark color. Good for outdoor pots as well as functional pottery and sculpture when fired to Cone 6.



#15 - WC 616

Translucent porcelain. An excellent grolleg body for throwing thin pieces.



#16 Porcelain - WC 617

Grolleg Cone 6 porcelain. similar to #15 with more ball clay, making it less white, more plastic and forgiving. Additional silica reduces crazing in some glazes. Good for slab forming.



Rae's Smooth - WC 903

This is a similar clay to Trevor's Smooth Stoneware (a former cone 9-10) but it has been fluxed for use at cone 5. A good compromise between porcelain and stoneware.



Sybil's Stoneware - WC 904

Fires warm off-white at cone 6 oxidation and is an all-purpose body for throwing and hand building. It has a non-sticky texture with some tooth from the addition of 35-mesh grog.



Sybil's Stoneware w Speckles - WC 905

Granular Manganese is added to this body to give it a speckled look. Speckles sometimes burn through glaze thus giving a reduction-like appearance even when fired in an electric kiln.



Elisabeth's Stoneware - WC 907

Granular Manganese is added to this body to give it a speckled look. Speckles sometimes burn through glaze thus giving a reduction-like appearance even when fired in an electric kiln.



Bob's Paper Clay - WC 952

Excellent throwing characteristics. Pulls up well for tall and horizontal forms. Plasticity with high grog. Use of minimal water when throwing is recommended. Resistant to cracks and warps.

Artist: Anna Shipulina @annamadeapot
Clay Used: Granite WC 885



Artist: Mackenzie Gruenenfelder @mgclayworks
Clay Used: B Mix w Speckles WC 408



Laguna Axner Colored Porcelain

Although it can be fired to lower temperatures (cone 06 for example), the colors become much more vibrant as you fire higher. Cone 6 is ideal as demonstrated in the photos. The fired clays look great either unglazed or with a clear glaze coating. Laguna Colored Porcelains have a number of advantages. They are more durable than polymer blends and less expensive than polymer blends. Perfect for small sculptures or ceramic jewelry.

*Shrinkage rate is 8% [+/-2%] at Cone 6



Red Colored Porcelain



Pink Colored Porcelain



Tangerine Colored Porcelain



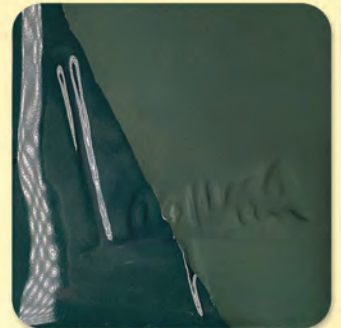
Yellow Colored Porcelain



Spring Green Colored Porcelain



Evergreen Colored Porcelain



Green Blue Colored Porcelain



Navy Colored Porcelain



Turquoise Colored Porcelain



Lavender Colored Porcelain



Tan Colored Porcelain



Dark Brown Colored Porcelain



Black Colored Porcelain



Grey Colored Porcelain



White Colored Porcelain



B Mix 10 - WC 379

A premier throwing clay that is easy to throw and form. Smooth porcelain texture. It is similar to porcelain but it throws like a dream.



#510 - WC 618

A very popular white stoneware, #510 is a very plastic, smooth throwing clay with superior hand building and slab properties. Contains fine grog.



#850 - WC 627

An off-white, typical light stoneware throwing clay. Medium texture for good tooth. Contains fire clay, no additional color.



#900 - WC 628

This is considered by many to be the best clay for production pottery. Ideal for those who Sgraffito, wax resist and want a finer texture to minimize picking. Great for planters, etc.



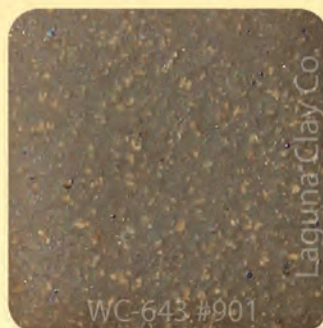
#910 - WC 629

This low sulfur body is less prone to bloating than most clays in Cone 10 reduction firings. You will appreciate minimal sulfur odor. Warm toast color in reduction. Similar properties to #900.



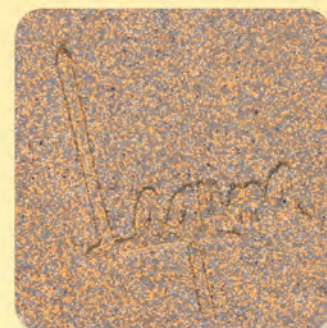
#550 - WC 631

Made primarily of English Grogleg. Contains plasticizers to make this the finest translucent porcelain available for throwing, thin slab work and hand building.



#901 - WC 643

A modification of WC-628 Miller #900. Fine sand is added to maximize stability in firing and drying.



Soldate 60 - WC 843

Same formula as Soldate-30, but with finer 60 mesh sand. Texture is medium coarse. Gray in the raw form with a high sand content. Ideal choice for large thrown pieces and sculptural forms.



B Mix Paper w Grog - WC 886

Cone 10 B-Mix clay with the addition of a very fine grog; provides a smooth fired texture and light speckling.



Red B Mix w Grog - WC 891

Medium sized grog version of Cone 10 B Mix clay body with the addition of red clay to achieve a warm brown color. Very forgiving during drying. Good for forming larger sized objects.



B Mix w Grog - WC 893

Cone 10 B-Mix clay with the addition of a very fine grog; provides a smooth fired texture and light speckling.



Frost 10 Porcelain - WC 896

An exceptionally white and translucent throwing porcelain for Cone 10.



B Mix Wood Fire - WC 899

A specially formulated version of B-mix body for wood/salt firing. Takes Salt & Soda well. Exhibits nice flashing characteristics in wood firings. Holds up well in Cone 12 atmospheric firings.



Bob's Paper Clay - WC 952

Excellent throwing characteristics. Pulls up well for tall and horizontal forms. Plasticity with high grog. Use of minimal water when throwing. Resistance to cracks and warps.



Max's Paper Clay - WC 953

Medium textured, low shrinkage body designed for large-scale hand-built sculpture and tile work. Contains a moderate amount of fine and medium mesh grog. Cone 06-10.

Florida Low Fire Casting Slips (Cone 04-06)



Miller Slip - NS 1

The East Coast standard of casting slips for slip casting low fire hobby ceramics. Fires white and is craze-free with most low fire glazes.



Robin Red - NS 3

A favorite terra cotta casting slip. Popular for slip trailing or covering & using a Sgraffito decorating technique. Most low fire leadless and leaded glazes fit this body. Best to bisque at 03-02.

Florida Mid Fire Casting Slips (Cone 5-6)



Dover - NS 4

A white Cone 6, all purpose stoneware casting slip body for slip casting.



Grits - NS 5

Stoneware Slip. Cone 6. This tan slip with specks produces a great sandstone stoneware.



Cool Blush - NS 120

After slip casting and when fired to Cone 6; this self-supporting doll casting slip presents with a hint of pink.



Warm Blush - NS 121

This Ferro filtered casting slip is a little less pink and more "tan" than the Cool Blush Porcelain Casting Slip.



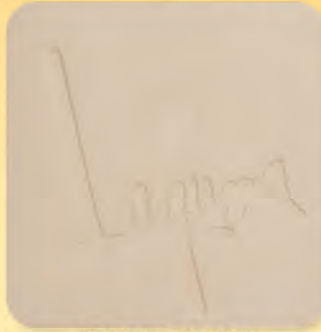
Artist: Helen Hay @kanimblaclay
Clay Suggestion: Frost 6 Porcelain WC 437

Florida Mid Fire Casting Slips cont'd (Cone 5-6)



Very White - NS 125

A bright, cool white colored porcelain casting slip for slip casting; but not a "blue" white.



Cashew - NS 128

A darker and tanner version of the Desert Beige porcelain casting slip.



Mocha - NS 129

Lighter in color than the Warm Brown porcelain casting slip with a hint of pink.



Coffee - NS 130

A strong, dark brown colored porcelain casting slip for slip casting.



Snow - NS 131

A cold, blue white colored porcelain casting slip for slip casting.



Chocolate - NS 132

A softer shade of porcelain casting slip than Coffee.

Florida High Fire Casting Slip (Cone 10)



500L - NS 8

A popular Cone 10 whiteware casting slip. Fires white in oxidation, gray in reduction.



Max's White Sculpture - EM 712

A bright white at cone 05 (raku). Rough textured, low shrinkage body designed for large-scale hand building and tiles.



#250 - WC 636

A smoother raku body than #200.

Florida Paper Clays



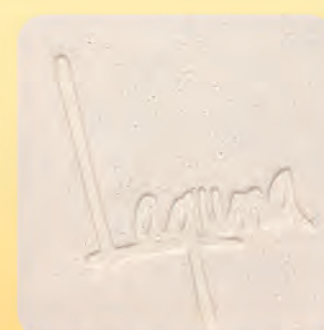
B Mix Paper w Grog - WC 886

Cone 10 B-Mix clay with the addition of a very fine grog; provides a smooth fired texture and light speckling.



Bob's Paper Clay - WC 952

Excellent throwing characteristics. Pulls up well for tall and horizontal forms. Plasticity with high grog. Use of minimal water when throwing. Resistance to cracks and warps.
*pictured in Oxidation



Max's Paper Clay - WC 953

Medium textured, low shrinkage body designed for large-scale hand-built sculpture and tile work. Contains a moderate amount of fine and medium mesh grog. ^06-10

Florida Modeling/ Air Dry Clays



WC- 640 Mexo- Red

Mexo Red - WC 640

Suitable for throwing, coiling & sculpting. Allow for some shrinkage. Air dries well. Store in an air-tight container until work is completed. Seal with a commercial water sealant to waterproof.



WC-641 Mexo-White

Mexo White - WC 641

Suitable for throwing, coiling & sculpting. Allow for some shrinkage. Air dries well. Store in an air-tight container until work is completed. Seal with a commercial water sealant to waterproof.



WED - EM 217

Specifically formulated to be smooth & slow drying for modeling. Primarily used by design studios and the entertainment industry for modeling, design, mock-up and tooling. Not formulated to be fired.

Florida Woodfire Clay



B Mix Woodfire - WC 899

A specially formulated version of B-mix body for wood and salt firing. Takes Salt/Soda well. Exhibits nice flashing characteristics in wood firings. Holds up well in Cone 12 atmospheric firings.



Artist: @materia_ecuador
Clay Suggestion: Mission Red WC 439

WED CLAY

Originally developed for use in sculpting Disney's animatronics models, WED (Walter E. Disney) clay is an extremely versatile water based clay with properties similar to many of today's most popular oil based clays. This clay has been specifically formulated to be a very smooth, slow drying clay for modeling, design, mock-ups and tooling. It is used primarily by design studios and the entertainment industry.

WED clay is not formulated to be fired.



WED EM 217



Characteristics:

Wet Color: Gray

Texture: Smooth

Penetrometer Target: 6

Avg. Shrinkage 2±%: 5%

Avg. Water Absorption 1±%: 10%

*WED clay is **water-based** and **sulfur-free** making it safe to use with silicones.

*Smooth and extremely pliable

*Dries slowly making it great for big projects that require timely details.



Artist: Brett F harvey @brett_f_harvey

FLAMEWARE CLAY

Laguna Flameware is an advanced clay body formulated to resist the shock of an open flame and have exceptional heat retaining properties. You can now safely create your own tea pots, pizza stones, and Dutch ovens. Great for gas and electric ranges, ovens, broilers, barbecues, microwaves and more!
Firing range cone 5-10.

Bisque/Firing

Once clay is bone dry, bisque to cone 05 (1888 F°). Glaze fire to cone 5 (2,167 F°). Higher firing ranges are possible up to cone 10 (2,345 F°). Do not glaze the bottom inch of vessel. Burnish cooking area smooth or glaze to create a non-stick surface.

Recommended glazes:

Moroccan Sand cone 5 glaze line.
For cone 10 use Iron Red (WC-556).



MS 33 Bamboo Ash Matte

Bamboo Ash Matte
MS 33 (^5)



MS 18 Robin's Egg

Robin's Egg
MS 18 (^5)



MS 43 Amethyst Matte

Amethyst Matte
MS 43 (^5)



MS 36 Blue Frost Matte

Blue Frost Matte
MS 36 (^5)



Laguna Flameware - WC 440

Characteristics:

Cone:
5-10

Wet Color:
Red Brown

Avg. Shrinkage 2±%:
Cone 5: 5% / Cone 10: 8%

Avg. Water Absorption 1±%:
Cone 5: 13% / Cone 10: 2%

COE x 10-6:
Cone 5: .825 / Cone 10: .875



Clean up:

Clean with soap and water after use.
We recommend periodically boiling water in the vessel.

Common Questions & Answers

- **Will glazes craze over time?**

Yes, this is normal (Due to the different expansion/contraction between the clay and glaze).

- **Can you fire higher than cone 5?**

Cone 5 is recommended but you can fire up to cone 10 (Large lids or very thin ware are susceptible to slumping if fired too high. We recommend using alumina in your wax resist when firing at higher than cone 5).

- **What is the optimum thickness for Laguna Flameware?**

Approximately 3/8" for commercial use.

Approximately 1/2" for non-commercial use.

*Note: must be even in thickness throughout vessel to minimize cracking.

- **Can Laguna Flameware be placed in a freezer?**

It is recommended for refrigerator use only.

- **Does Laguna Flameware need to be seasoned like other flame ware?**

No, you may start cooking in it immediately.

- **Can Laguna Flameware be cleaned in a dishwasher?**

We recommend hand washing with soap and water before putting it in a dishwasher.

- **Does Laguna Flameware need to be glazed?**

No, cooking on an unglazed burnished surface is acceptable and often preferred.

- **What is the best kiln type for firing Laguna Flameware?**

Electric kilns are the most reliable for evenly firing Laguna Flameware.

Gas kilns can be used by an experienced technician.

***Always test fire before production**



Artist:
Erick Struck

AIR DRY CLAYS

Air Dry Clays are self-hardening modeling, sculpting, throwing and hand building clays that are great for art projects in the classroom and at home used by educators, amateurs, students and professionals. Projects made with Air Dry Clay dry leather hard in 24 hours and rock hard within several days (drying time varies with temperature, humidity and the thickness of the clay).

Storage and Project Protection: Air Dry Clay must be stored in an air tight container or bag. Remove only the amount of clay that you intend to use for your project. If you must leave the project for a short amount of time prior to completion, cover it with a damp cloth and a plastic bag. Air Dry Clay is more susceptible to drying out than standard modeling clays.

Clay Tools: Household utensils make excellent clay tools. Dull knives, spoons, forks, chopsticks, paper clips, screws, sticks, crumpled foil and hundreds of other common kitchen and classroom items are perfect to cut, shape and texture clay. A damp sponge is ideal for smoothing slab joints and correcting or altering designs. Professional ceramic tools can also be used in a more advanced studio setting. You'll discover more creative tools with every new clay project!

Preparation: Work with Air Dry Clay on a sheet of unfinished wood, cardboard, several layers of newspaper or a slab mat.

Finishing: Once completed, place your finished project on a flat surface. When thoroughly dry (usually 2-3 days), the project may be decorated with any cold finish such as acrylic paints, food coloring, watercolors or permanent markers. Lastly, coat with a sealant of your choice to make it watertight.



Mexo Red - WC 640



Mexo White - WC 641



Slip Casting

Accessories and Additives

Gum Solution (Plasticizer) A liquified binder, thickener, suspension and brushing medium agent made of an organic cellulose gum. Also used to increase plasticity of clay bodies.

Darvan #7 (Dispersal) A user-friendly deflocculant with a wide deflocculation curve. Does not deteriorate molds as actively as sodium silicate.

Darvan #811 Similar in use and composition to Darvan #7, but recommended for deflocculating red slips and high iron slips.

Soda Ash Used as a deflocculant in slip. Reduces shrinkage and increases workability.

Dowicil 75 An additive to slip and moist clay to control bacteria, mold and fungus growth, reducing odor and gas-induced pinholing in greenware.

Sodium Silicate $\text{Na}_2\text{O} \cdot \text{SiO}_2$ Used as a major deflocculant in preparing slip, it reduces the amount of water needed, thereby reducing shrinkage. This is a pure sodium silicate and must be mixed with water to a 50/50 solution for most casting bodies.

Viscometer This instrument is a must for proper slip mixing. It measures the viscosity of 500ml. of slip. Full instructions for use are included.

TM-3012: Plastic *while supplies last

TM-3013: Glass

Graduated Cylinder Take the guesswork out of volume reading with these polypropylene graduated cylinders. Non-tipping octagonal base and highly legible, fade-free, molded graduations.

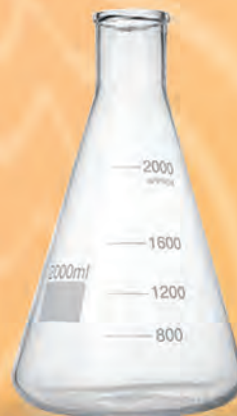
TM-3028: 100 ml

TM-3029: 250 ml

Hydrometers These glass instruments measure the approximate specific gravity of liquids. The meter can be read when placed in a container of liquid where it will float like a buoy.

NL-204S: 6" long, reads 40-60 baume

NL-204L: 11.5" long reads 0-70 baume or 1.000-2.000 specific gravity



Viscometer



Hydrometer



Graduated Cylinder

Scan here
for details



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