



ROVIN CERAMICS

A MOTAWI COMPANY

CLAY, GLAZE, RAW MATERIALS AND SUPPLIES FOR THE CERAMIC ARTS

About Us

Purchased in April of 2011 by Nawal Motawi, owner of Motawi Tileworks, an artisan tile company located in Ann Arbor, Michigan, Rovin Ceramics has been providing Motawi's moist clay for more than a decade, making it a natural extension of the tile business. Rovin has been in Michigan since 1957, when Rose and Vincent Thomas began mixing and pugging their clay formulas in their garage. For the past half-century, Rovin has grown into

an enterprise that sources clay and supplies for potters, schools, and institutions reaching from Northern Ohio to Michigan's Upper Peninsula.



**MOTAWI
TILEWORKS**

About Motawi Tileworks

Motawi Tileworks was founded in a garage in Ann Arbor in 1992 by Nawal Motawi. Motawi produces artisan tile for art and installation for homes and public places. Motawi tiles are sold in over 300 shops and galleries across the US. Visit motawi.com for more.

About Our Products

We're safe for all ages! All Rovin Ceramics moist clay, Bright Ice Glazes, and Soft Touch Underglazes have been certified AP nontoxic by the ACMI testing programs and are suitable for use by all ages, including grades K-12. Rovin brand products are also lead-free and barium-free.



Ordering

For current pricing and our newest product selection, we recommend placing your order at rovinceramics.com. You can also order via email, fax, or phone.

Please allow 24 hours for dry material orders.

Retail Hours

Monday through Wednesday Noon–5pm
Thursday Noon–6pm
Friday Noon–5pm

We're also open one Saturday of every month from 10am to 1pm. Check our website for dates and details, or subscribe to our newsletter for the latest updates and announcements.

Contact Us

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Front Cover

Table Set, courtesy of One Acre Studios.

Back Cover

Detroit, courtesy of Frank James Fisher.

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We're More Than Just Clay!

Besides manufacturing our own clay and glazes, Rovin Ceramics is a proud distributor of the best tools, materials and glazes from a variety of great ceramic brands. For more information on the products we offer and to see the latest and greatest editions please browse our online catalog at rovinceramics.com.



“Rovin 99G allows me to create precise, smooth, pure white forms that can withstand multiple raku firings. Rovin 99G is an amazing clay body ... I would not be able to create my art without it.

Frank James Fisher
Ceramic Artist, Milford, Michigan

“Rovin does a great job keeping the materials we need in stock and all the friendly staff continue to be responsive to our needs. We like how they have streamlined their counter check-out system as well. All around great service and materials, just what we need for our business.

Thomas and Sarah Gelsanliter
Owners, One Acre Ceramics, Milan, Michigan

RO-01 You Betcha! Mix

Fires to a creamy white in both reduction and oxidation. This clay has remarkable plasticity due to its high ball clay content. Whether you are using it for wheel work or hand-building, it will live up to its name. Try placing this clay in atmospheric firings and become the envy of your friends.

Firing Temp.	Shrinkage		Absorption	
Δ05	7%			
Δ6	12.2%		4%	
Δ10	14%		.18%	
Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.49	\$0.45	\$0.41	\$0.38



BEST TEMP	ALT TEMP	GROG	WHEEL	HAND	TILE
Δ10	Δ6	3% fine	●	●	○

RO-10 High-Fire Grey Stoneware

Fires to a beautiful light grey with subtle mottling. This stoneware is made up of carefully selected clay for workability along with coarse fireclay and added grog. RO-10 is a robust clay, making it a great choice for larger pieces where extra strength is needed. This clay is highly successful at handling thermal shock.

Firing Temp.	Shrinkage		Absorption	
Δ05	7.4%			
Δ6	12%		4.2%	
Δ10	13%		2.1%	
Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.49	\$0.46	\$0.42	\$0.40



Δ10	Δ6	7% med.	●	●	●
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RO-14 Mid-Range Light Stoneware

Formulated with a careful ratio of ball clay to fireclay to help achieve excellent workability and body. RO-14 performs well as an all-around clay, making it a great choice for hand building, throwing, tile making and slab work. With all these great characteristics, no wonder it's our most popular clay!

Firing Temp.	Shrinkage		Absorption	
Δ05	9%			
Δ6	11%		1%	
Δ10	12%		.16%	
Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.49	\$0.46	\$0.42	\$0.39



Δ6	Δ04	4% fine	●	●	○
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RO-31 Raku and Sculpture

Formulated for high thermal abuse by combining varying amounts of mesh size grogs to make this an extremely resilient body. When fired to Cone 6, this clay becomes off-white with visible speckling due to the different grogs, and light pink when fired at Cone 04 oxidation. RO-31 also works well as a sculpture body because of its ability to control moisture loss and withstand thermal shock.

Firing Temp.	Shrinkage		Absorption	
Δ05	7.6%			
Δ6	9.6%		7.7%	
Δ10	10.9%		6.6%	
Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.50	\$0.48	\$0.44	\$0.41



Δ04	Δ6	26% med.	○	●	●
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RO-42 Low-Fire White and RO-42G Low-Fire White With Grog

Our Low Fire Whites are exceptionally plastic clay, making them ideal for both wheel throwing and hand building. Both fire ultra-white at cone 05 and are extremely smooth, allowing them to pick-up detail exceedingly well. RO-42G exhibits all the same characteristics as RO-42 but with an addition of grog. They are highly adaptable, making them a great choice for all disciplines and skill levels.

	Firing Temp.	Shrinkage	Absorption	
RO-42	Δ05	8.6%	12.1	
RO-42G	Δ05	7%	11.6	
Price per pound	[25]	[200]	[500]	[1,000 +]
RO-42	\$0.51	\$0.48	\$0.44	\$0.41
RO-42G	\$0.51	\$0.48	\$0.44	\$0.41



BEST TEMP	ALT TEMP	GROG	WHEEL	HAND	TILE
		RO-42			
Δ05	N/A	0%	●	●	●
		RO-42G			
Δ05	N/A	4% fine	●	●	●

RO-72 Mid-Range Grey Stoneware

Fires to a light grey with small amounts of speckling and is ideal for throwing and all types of hand building. This clay has become a favorite for school programs because of its firing range and versatility.

	Firing Temp.	Shrinkage	Absorption	
	Δ05	7%		
	Δ6	11.2%	3.1%	
Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.49	\$0.46	\$0.42	\$0.40



Δ6	Δ04	5% med.	●	●	●
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RO-75 White Stoneware

Our White Stoneware is formulated from select clay to be our whitest firing stoneware and it has incredible strength when working on larger projects. This clay works well as a throwing body and as a sculpture body.

	Firing Temp.	Shrinkage	Absorption	
	Δ05	7%		
	Δ6	9.7%	6.5%	
	Δ10	11.7%	4.4%	
Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.51	\$0.47	\$0.43	\$0.40



Δ10	Δ6	4% med.	●	●	○
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RO-77 High-Fire Light Stoneware

Fires to light grey in oxidation and shows subtle flashing when reduced. RO-77 exhibits a very smooth texture which makes it a great choice for wheel throwing, no matter your skill level. Beautiful orange-brown flashing can be achieved when firing in salt or soda.

	Firing Temp.	Shrinkage	Absorption	
	Δ05	7.2%		
	Δ6	10%	7.2%	
	Δ10	10.9%	5%	
Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.51	\$0.47	\$0.44	\$0.41



Δ10	Δ6	5% fine	●	●	○
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RO-20 Temmoku

Fires to a beautiful iron red with subtle mottling. This stoneware is made up of carefully selected clay to make it extremely workable. Temmoku is a robust clay, making it a great choice for larger pieces where extra strength is needed. This clay darkens significantly when reduced.

Firing Temp.	Shrinkage %	Absorption %
Δ05	7.5%	
Δ6	11%	.6%
Δ10	12.8%	0%

Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.52	\$0.49	\$0.45	\$0.42



BEST TEMP	ALT TEMP	GROG	WHEEL	HAND	TILE
Δ10	Δ6	9% med.	●	●	●

RO-23 Peach Stoneware

Our Peach Stoneware fires to a subtle orange color in oxidation and lightens as it is fired in warmer conditions. RO-23 exhibits a very smooth texture which makes it a great choice for wheel throwing no matter if you are a beginner or more advanced.

Firing Temp.	Shrinkage	Absorption
Δ05	7.5%	
Δ6	11.9%	2%
Δ10	12.2%	.17%

Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.52	\$0.48	\$0.44	\$0.42



Δ10	Δ6	5% med.	●	●	●
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RO-30 Temmstone

Fires to an earthy orange in cone 6 oxidation, and lightens as it's fired higher. This stoneware is made up of carefully selected clay for workability and color along with coarse fireclay and added grog. Temmstone takes on a rich red color when it is fired in a reduced atmosphere and shows light mottling throughout.

Firing Temp.	Shrinkage	Absorption
Δ05	7.5%	
Δ6	11.7%	2.9%
Δ10	12.4%	.33%

Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.50	\$0.47	\$0.43	\$0.41



Δ10	Δ6	5% med.	●	●	○
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RO-30S Temmstone With Speckles

Temmstone with Speckles is an earthy tan color with significant speckling due to the addition of manganese dioxide. RO-30S performs well as both a throwing and hand building body due to its additions of grog and plastic clay. Temmstone with Speckles is particularly suited for adding depth and variation to your forms and glazes.

Firing Temp.	Shrinkage	Absorption
Δ05	7.5%	
Δ6	11.3%	2.3%
Δ10	12.7%	.15%

Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.51	\$0.48	\$0.44	\$0.42



Δ10	Δ6	5% med.	●	●	○
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RO-62 Sculpture Terracotta

Our Sculpture Terracotta is a low fire red clay with a generous amount of grog to help ease drying and thermal expansion/contraction. RO-62 is excellent for pieces large or small and fires to a burnt orange at cone 05. It darkens in warmer conditions.

Firing Temp.	Shrinkage	Absorption
Δ05	7.0%	8.5%

Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.51	\$0.48	\$0.44	\$0.41



Δ05	N/A	20% med.	○	●	●
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Rovin Red Clay (cont.)

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R0-82 Terracotta & R082M Terracotta With Fine Grog

Performs well through a wide firing range from cone 05 to cone 6. At cone 05, both clay bodies are a light orange and they darken to a rich chocolate color at cone 6. R0-82 has a coarse grog making it well suited for sculptural work. R082M trades coarse grog for a finer mesh mullite. It retains many of R0-82's great properties and is exceptionally smooth to throw.

	Firing Temp.	Shrinkage	Absorption	
R0-82	Δ05	8.9%	6.6%	
	Δ5	11.6%	0%	
R0-82M	Δ05	10%	7.5%	
	Δ5	11.9%	0%	
Price per pound	[25]	[200]	[500]	[1,000 +]
R0-82	\$0.49	\$0.46	\$0.43	\$0.40
R0-82M	\$0.49	\$0.46	\$0.43	\$0.40



BEST TEMP	ALT TEMP	GROG	WHEEL	HAND	TILE
		RO-82			
Δ05	Δ5	7% med.	○	●	●
		RO-82M			
Δ05	Δ5	3% fine	○	●	●

Rovin Porcelain

R0-90 White Porcelain

A creamy white clay when fired in oxidation, formulated to be extremely plastic. Because of a higher amount of iron and titanium naturally found in this clay body, great results can be achieved in atmospheric firings.

	Firing Temp.	Shrinkage	Absorption	
R0-90	Δ05	6%		
	Δ6	12.7%	4%	
	Δ10	14%	.55%	
Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.53	\$0.49	\$0.46	\$0.43



Δ10	Δ6	0%	●	○	○
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R0-95 Mid-Range Porcelain

An exceptionally plastic clay that fires to a creamy white in oxidation. R0-95 excels at both hand building and throwing due to its blend of kaolin and ball clay. This is a great choice for thin or elaborate work.

	Firing Temp.	Shrinkage	Absorption	
R0-95	Δ05	6.2%		
	Δ6	12.2%	1.64%	
Price per pound	[25]	[200]	[500]	[1,000 +]
	\$0.53	\$0.49	\$0.46	\$0.43



Δ6	Δ04	0%	●	●	○
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R0-99 High Fire Porcelain and R0-99G High Fire Porcelain with Grog

Our High Fire Porcelains are made with Grolleg, which is a type of kaolin made up of over 30 different types of clay. Grolleg is chosen for its extremely white characteristics and remarkable plastic properties. R0-99G is a variation of our R0-99, in which we have added fine Molochite in order to improve handling characteristics and control water loss. Because of this addition, R0-99G also guards extremely well against thermal shock.

	Firing Temp.	Shrinkage	Absorption	
R0-99	Δ05	5.5%		
	Δ6	12%	5.4%	
	Δ10	15%	2%	
R0-99G	Δ05	7.2%		
	Δ6	14.8%	4.5%	
	Δ10	15%	1%	
Price per pound	[25]	[200]	[500]	[1,000 +]
R0-99	\$0.68	\$0.62	\$0.59	\$0.54
R0-99G	\$0.71	\$0.66	\$0.61	\$0.57



Δ10	Δ6	0%	●	●	○
		R0-99G			
Δ10	Δ6	5% med.	●	●	○



Rovin Bright Ice Glazes

Bright Ice Glazes are ideal for schools and art projects. They are lead-free, barium-free and low-fire, formulated for cone 05. The prepared glaze is packaged dry in a one pound plastic ready-to-use container, and makes approximately one pint of wet glaze.



BI-01
Floral Coral
\$6.75



BI-02
Precious Persimmon
\$6.75



BI-03
Creme Cicle
\$6.75



BI-04
Big Red
\$8.25



BI-05
Creamy Crimson
\$8.25



BI-06
Halloween Orange
\$8.25



BI-07
Bubble Gum Pink
\$8.25



BI-08
Grape Fizz
\$5.50



BI-09
Tropical Sea
\$5.50



BI-11
Blue Madness
\$6.75



BI-12
Real Teal
\$5.50



BI-15
Jewel of the Nile
\$5.50



BI-22
Ever Green
\$5.50



BI-23
Kiwi Pie
\$5.50



BI-26
Creamy Mustard
\$5.50



BI-28
Stellar Yellow
\$5.50



BI-32
Redwood Forest
\$5.50



BI-34
Carmel Toffee
\$5.50

Bright Ice Mixing Instructions

Pour 1½ cups of water into the container and reseal. Hold container with two hands and shake vigorously until all the solids are off the bottom and the glaze is thoroughly mixed. Let sit overnight. Screen through an 80 mesh sieve for best results, then adjust the water content to your desired consistency. These glazes can be dipped, brushed, or poured.

Bright Ice Firing Tips

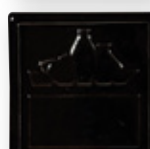
Rovin Bright Ice glaze fits best on our R042 and R042G low fire-clay bodies. We have fired all Bright Ice colors at cone 1 and as high as cone 6 on our clay. Some colors are truer than others when fired up to cone 6. Blend the Bright Ice colors or add additional oxides or mason stains to create an infinite palette. We have achieved interesting colors simply by blending equal amounts of two different Bright Ice colors.



BI-35
Puppy Dog Brown
\$5.50



BI-38
Swamp Grass
\$5.50



BI-40
Coal Mine Black
\$5.50



BI-45
Snowy White
\$5.50



BI-50
Clear Transparent
\$5.50



Rovin Soft Touch Underglazes

Soft Touch underglaze are a low-cost, lead-free, barium-free, low-fire underglaze. The prepared underglaze is packaged dry in one pound plastic ready-to-use container and makes approximately 1½ pints of liquid underglaze. Ideal for a variety of decorating and painting techniques. Simply apply a clear glaze to seal.



ST-03
Fire
\$9.75 (½ lb.)



ST-20
Aqua Agua
\$9.25



ST-04
Pink Grapefruit
\$10.75



ST-25
Bermuda Triangle
\$9.25



ST-06
Sunset
\$9.75 (½ lb.)



ST-33
String Bean
\$9.25



ST-07
Sherbet
\$10.75



ST-36
Daffodil
\$9.25



ST-10
Marvy Mauve
\$10.75



ST-39
Coffee Bean
\$9.25



ST-14
Blue Lapis
\$10.75



ST-42
Black as Tar
\$10.50



ST-18
Teal of a Deal
\$9.75



ST-46
Snowflake
\$7.50

Soft Touch Mixing Instructions

Pour 1½ cups of water into the container and reseal. Hold container with two hands and shake vigorously until all the solids are off the bottom and the glaze is thoroughly mixed. Let sit overnight. Screen through an 80 mesh sieve for best results, then adjust the water content to your desired consistency. Apply two coats. These underglazes can be brushed, dipped or poured on either greenware or bisque.

Soft Touch Firing Tips

Rovin Soft Touch glaze fits best with Rovin R042 and R042G low-fire-clay bodies. For a glossy finish, apply two coats of Bright Ice Glaze #50, Clear Transparent, and fire to cone 05. We have had great success with Soft Touch at firing temperature up to cone 8 on a variety of Rovin clay bodies.



Above: Fairy house and hot air balloon tile made with Rovin R042 clay and glazed with Rovin glazes (see below). Lesson plans for these projects and more available at rovinceramics.com.

Fairy house: Rovin Bright Ice glazes BI05 Creamy Crimson, BI15 Jewel of the Nile, BI23 Kiwi Pie, and BI26 Creamy Mustard.

Balloon tile: Rovin Soft Touch glazes ST20 Aqua Agua, ST25 Bermuda Triangle, ST42 Black as Tar, and Bright Ice BI50 Clear.



We're safe for all ages!

All Rovin Ceramics moist clay, Bright Ice Glazes, and Soft Touch Underglazes have been certified AP nontoxic by the ACMI testing programs and are suitable for use by all ages, including grades K-12. Rovin brand products are also lead-free and barium-free.

Raw Materials

Material	Price Per Pound									
	½ lb.*	1 lb.	5 lb.	10 lb.	25 lb.	50 lb.	100	500	1000	2000
Alberta Slip (44 lb. bag)		3.00	2.75	2.50	2.22	2.15				
Alumina Oxide (Hydrated)		3.29	3.00	2.70	2.37	1.35				
Alumina Oxide (Calcined, 55 lb. bag)		3.13	2.78	2.47	2.16	1.52				
Ball Clay, Old Hickory #5		1.51	1.46	1.41	1.36	0.36	0.24	0.22		
Ball Clay, OM4		1.51	1.46	1.41	1.36	0.36	0.24	0.22	0.21	0.18
Ball Clay, Tennessee #5		1.51	1.46	1.41	1.36	0.36	0.24	0.22		
Ball Clay, Tennessee #10		1.51	1.46	1.41	1.36	0.36	0.24	0.22		
Ball Clay, Volunteer		1.51	1.46	1.41	1.36	0.36				
Barium Carbonate (55 lb. bag)		2.95	2.73	2.53	2.30	2.00	1.50			
Bentonite "B"		1.93	1.82	1.80	1.78	1.00	0.55			
Bone Ash		2.94	2.65	2.30	1.94	1.69	1.49			
Ceramic						0.80	0.75	0.70		
Chromium Oxide	9.50	14.50	13.50	12.50	11.50	10.65				
CMC Gum	7.08	10.89	9.86	8.38	6.75					
Cobalt Carbonate	24.50	39.47	37.50							
Cobalt Oxide	34.55	54.80	52.90							
Copper Carbonate	8.50	13.11	11.83	10.75	9.95	9.45				
Copper Oxide	10.50	16.85	15.17	12.64	12.04	11.49				
Cornwall Stone		3.75	3.43	3.07	2.67	2.29	2.04			
Dolomite		1.58	1.53	1.48	1.43	0.65	0.45			
Feldspar, Custer Feldspar (Potash)		1.65	1.60	1.55	1.50	0.95	0.55	0.50	0.45	0.40
Feldspar, Minspar 200 (Soda)		1.58	1.53	1.48	1.45	0.65	0.50	0.45		
Ferro Frit, #3110		3.75	3.25	3.10	2.95	2.25	2.10			
Ferro Frit, #3124		3.50	3.05	2.75	2.60	2.10	2.00			
Ferro Frit, #3134		3.75	3.25	3.10	2.95	2.25	2.10			
Ferro Frit, #3195		3.95	3.50	3.40	3.25	2.50	2.35			
Fireclay, Hawthorn Bond 35 Mesh		1.53	1.48	1.43	1.38	0.55	0.45	0.30	0.25	0.20
Fireclay, Hawthorn Bond 50 Mesh		1.62	1.57	1.52	1.47	0.57	0.45	0.32		
Flint, #250		1.53	1.48	1.43	1.38	0.65	0.55	0.42		
Flint, #295		1.54	1.49	1.44	1.39	0.66	0.56	0.43	0.38	0.34
Flint, #395		1.75	1.70	1.65	1.60	0.80	0.55			
Gerstley Borate		2.30	2.12	1.99	1.85	1.25	1.10			
Goldart		1.60	1.52	1.48	1.45	0.70	0.55	0.50	0.40	0.37
Grog, 20 Mesh		1.62	1.55	1.51	1.49	0.55	0.42	0.39		
Iron Oxide, Black		5.51	5.21	5.09	4.95	4.45				
Iron Oxide, Red (Precipitate)	5.75	9.35	9.10	8.60	8.05	7.78				
Iron Oxide, Red (Spanish)		3.55	3.15	3.10	3.00	2.90				
Iron Oxide, Yellow	6.20	9.55	8.66	7.38	5.98	4.50				
Kaolin, 6 Tile		1.59	1.50	1.49	1.45	0.72	0.47	0.36	0.32	0.29
Kaolin, EPK		1.68	1.62	1.58	1.54	0.75	0.50	0.45	0.40	

*Actual price for ½ lb.

Raw Materials (cont.)

Material	½ lb.*	Price Per Pound								
		1 lb.	5 lb.	10 lb.	25 lb.	50 lb.	100	500	1000	2000
Kaolin, Glowmax (55 lb. bag)		2.95	2.70	2.46	2.19	1.50				
Kaolin, Grolleg (55 lb. bag)		2.05	1.90	1.81	1.71	1.35	1.25	1.15		
Kaolin, Pioneer		1.58	1.48	1.44	1.38	1.25				
Kiln Wash		2.50	2.45	2.35	2.25	2.15				
Kyanite, 35 Mesh		1.89	1.76	1.70	1.63	1.11				
Kyanite, 48 Mesh		1.97	1.82	1.75	1.67	1.14				
Lithium Carbonate		28.79	26.09	24.18	22.36	20.48				
Magnesium Carbonate (55 lb. bag)	5.8	8.80	7.80	6.80	6.30	5.80				
Manganese Dioxide 60 Mesh		3.95	2.95	2.60	2.30	1.99				
Manganese Dioxide 325 Mesh		3.75	2.75	2.35	1.99	1.75				
Molochite, 30 Mesh (55 lb. bag)		3.13	2.85	2.59	2.28	1.52				
Molochite, 50x80 Mesh (55lb. Bag)		3.10	2.83	2.57	2.29	1.53				
Molochite, 120 Mesh (55 lb. bag)		3.13	2.85	2.59	2.28	1.52				
Mullite, 35 Mesh		1.94	1.82	1.77	1.72	1.28				
Mullite, 48 Mesh		1.83	1.71	1.66	1.61	1.17				
Mullite, 200 Mesh		2.10	1.94	1.85	1.75	1.30				
Nepheline Syenite		1.56	1.51	1.47	1.43	0.70	0.55	0.50	0.40	
Pottery Plaster #1						0.65	0.55	0.50		
Pyrotrol		1.55	1.50	1.45	1.40	0.75				
Redart		1.61	1.53	1.50	1.46	0.55	0.40	0.31	0.28	0.21
Rutile, 200 Mesh	5.85	9.01	8.21	7.75	6.58	4.50				
Soda Ash		2.33	2.15	2.01	1.86	1.00				
Spodumene		2.91	2.67	2.43	2.17	1.30				
Strontium Carbonate		3.08	2.82	2.55	2.26	1.75				
Talc		1.72	1.60	1.58	1.54	0.48	0.43	0.38		
Tin Oxide (55 lb. bag)	19.98	30.75	27.53	22.53	17.06	16.71				
Titanium Dioxide (55 lb. bag)		6.12	5.54	4.75	3.89	3.75				
Vee Gum T	7.12	9.65	8.75	7.45	6.03	5.85				
Whiting		1.59	1.49	1.47	1.45	0.35	0.30			
Wollastonite		1.79	1.66	1.62	1.57	1.05	0.95			
Yellow Ochre		3.25	2.97	2.68	2.35	2.02				
Zinc Oxide		5.96	5.06	4.75	4.60	4.50				
Zircopax Plus		5.10	4.40	3.30	2.59	2.04				

*Actual price for ½ lb.



Mason Stains

Mason stains are colorants in frit form, which renders them insoluble, removes volatiles, and allows for better control of the final product. When used in a glaze, we generally recommend adding the stain at 5–8% by dry weight to a dry base glaze. The base glaze should contain 12–15% calcium carbonate (Whiting) and it should be free of zinc to achieve the color desired. Mason stains can also be painted on bisque as an underglaze. Experimentation is necessary to achieve the desired results, but the advantage of Mason stains is their consistent results in glaze firing.

Item	Name	1/2 lb.	1 lb.	5 lb.	10 lb.	Item	Name	1/2 lb.	1 lb.	5 lb.	10 lb.
6006	Deep Crimson	16.85	33.10	31.65	30.10	6266	Green Peacock	13.75	27.00	25.75	24.45
6009	Coral	12.35	24.30	23.15	22.00	6302	Cadet Blue	18.75	36.95	35.30	33.65
6020	Bubble Gum Pink	8.85	17.25	16.40	15.50	6304	Violet	32.05	63.80	63.15	62.50
6021	Red	31.45	62.25	59.50	57.00	6306	Vivid Blue	12.95	25.50	24.30	23.10
6025	Coral Red	18.60	36.70	35.05	33.40	6310	Blue Wedgewood	15.70	30.90	29.50	28.10
6026	Lobster	17.20	33.90	32.35	30.80	6333	Lavender	13.05	25.70	24.50	23.25
6027	Tangerine	23.10	45.60	43.65	41.65	6371	Dark Teal	17.30	34.10	32.50	31.25
6028	Orange	15.65	30.75	29.35	27.95	6378	Turquoise Cerulean	10.25	20.05	19.05	18.05
6030	Mango	27.15	54.00	53.45	52.75	6381	Blackberry Wine	13.15	25.75	24.60	23.40
6031	Deep Salmon	12.85	25.25	24.05	22.85	6385	Purple Pansy	16.95	33.40	31.90	30.40
6124	Chocolate	7.85	15.30	14.45	13.65	6391	Deep Turquoise	10.95	21.50	20.45	19.40
6126	Hazelnut	10.45	19.95	19.55	18.50	6404	Vanadium	23.15	45.70	43.70	41.70
6129	Golden Ambrosia	9.15	17.90	17.00	16.10	6450	Praseodymium	14.55	28.70	27.40	26.05
6202	Green Florentine	12.80	25.15	23.95	22.75	6479	Sunshine Yellow	25.15	50.00	49.35	48.75
6209	Chrome Green	13.85	27.30	26.05	24.65	6485	Titanium Yellow	10.25	20.05	19.05	18.05
6236	Chartreuse	16.15	31.75	30.30	28.85	6500	Sage Grey	11.90	23.40	22.25	21.10
6242	Bermuda Blue Green	12.45	24.55	23.40	22.20	6600	Black	9.70	19.00	18.05	17.10
6265	Green Leaf	9.55	18.65	17.75	16.80						

Large Equipment, Accessories and Parts

We carry a variety of studio equipment and accessories from leading manufacturers. Our experts can work with you to pick the right equipment and find the right replacement parts. Give us a call or visit our website at rovinceramics.com for current pricing.



“Rovin has been making my clay formula for me for over 30 years. I would be lost without them.

Mark Chatterley
Sculptor, Williamston, Michigan

Ceramic Tips & Tricks

Whether you're a professional ceramic artist or a weekend potter, Rovin Ceramics is here to help you succeed. Here's a short collection of useful ceramic advice, but if you need more, our knowledgeable, friendly staff is just a phone call or an email away.

Convert Grams to Pounds

453.592 grams = 1 pound

Divide the number of grams you need for your recipe by 453.592 to get the number of pounds you need to order.

No. 1 Pottery Plaster

Always store plaster in a dry environment. Do not use plaster that is lumpy as a result of improper storage. For best results weigh 100 parts plaster to 73 parts water. Avoid forming lumps by slowly adding plaster to room temperature water. Allow plaster to soak for 3 minutes and then slowly mix for 3 minutes to minimize the formation of bubbles. Setting time is affected by water temperature, age of plaster and water to plaster ratio.

Sieving Glaze

We recommend sieving glazes to achieve an even mixture. An 80 mesh sieve works great for most glazes.

Wiring Your Kiln

If your kiln is placed in a permanent location, hard wiring is advisable to minimize risk of fire. Have a qualified electrician do the electrical work.

Low Fire Clay (Δ06 through Δ2)

Earthenware clay bodies remain porous and need glaze to be water-tight.

Mid- and High Fire Clay (Δ3 through Δ10)

Stoneware and porcelain clay bodies that are formulated to be strong and water-tight when fired to their mature temperature.

Witness Cones

A cone's melting point is influenced by final temperature and the rate of temperature increase (ramp). Always use witness cones to insure accuracy of firing.

Cone	Ramp and Final Temperature			
	27°/hr.	108°/hr.	270°/hr.	
10	2284°	2345°	2381°	High Fire
9	2235°	2300°	2336°	
8	2212°	2273°	2320°	
7	2194°	2262°	2295°	Mid-Fire
6	2165°	2232°	2269°	
5	2118°	2167°	2205°	
4	2086°	2145°	2131°	Low Fire
3	2039°	2106°	2138°	
2	2034°	2088°	2127°	
1	2028°	2079°	2109°	
01	1999°	2046°	2080°	
02	1972°	2016°	2052°	
03	1960°	1987°	2019°	
04	1915°	1945°	1971°	
05	1870°	1888°	1911°	
06	1798°	1828°	1855°	

Notes

Store Policies

Returns and Exchanges

All returns or exchanges must be made within 90 days of purchase. We do not accept returns on special order items, raw materials, large equipment, open or used items.

Pricing

All prices are subject to change without notice. Please visit our website for the most current pricing.

Quality Control

We do our best to deliver a consistent product by using the best materials available. Unfortunately due to the nature of materials and processes, we cannot guarantee consistent results. If you have a concern please bring it to our attention.

School Orders

Fall is a busy time here at Rovin. For prompt delivery, please send your orders as soon as possible. We are happy to accept purchase orders or school credit cards. Consider combining orders with schools in your district to get the best prices and to save on shipping.

Shipping

Orders between 200 and 2400 pounds will be shipped flat rate freight. Orders under 200 pounds will be shipped UPS. Allow 5 to 7 business days for shipments.

Special Orders

We'd like to get you what you need. Special orders must be paid for in advance. Drop shipping is available on some items.

Custom Clay Batches

A minimum order of 800 pounds and a \$200 setup fee is required. Custom clay is priced per pound based on the recipe. Allow 6 to 8 weeks for production. The setup fee will be waived on orders over 3,000 pounds. Contact us for a quote.

Raw Material Orders

Looking to make your own clay or glaze from scratch? Most of the raw materials we carry are available in 50 pound bags, but we are happy to weigh out custom quantities. Place your order no less than 24 hours before your desired shipping or pick-up date. All materials can be weighed out to the nearest half pound.

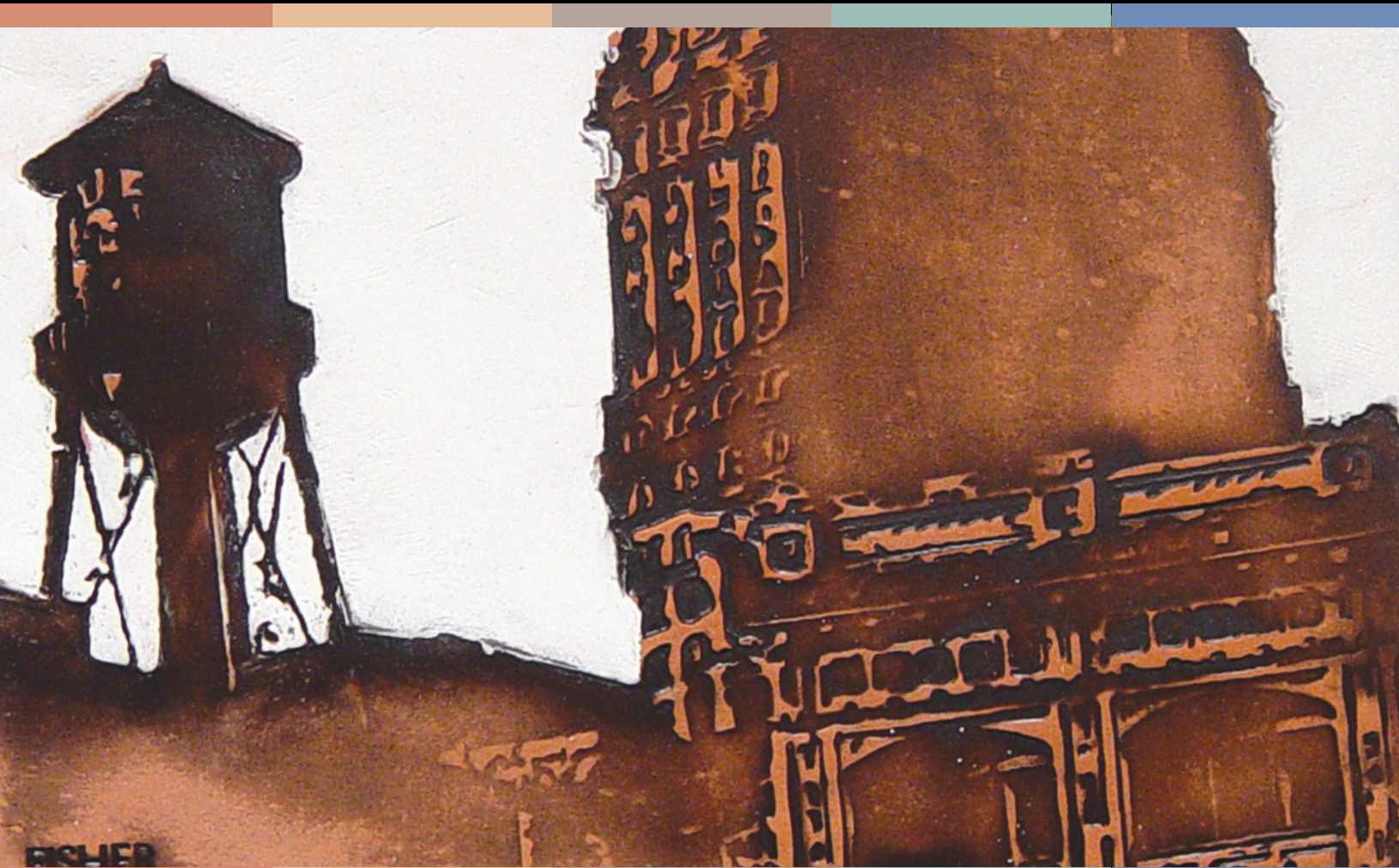


I have been using Rovin clay for decades. Rovin was there with the array of chemicals, dry clay and ceramic stains I needed while developing my colored stoneware clay. I count on them for their helpfulness with kiln parts, new tools and most of my ceramic needs. They are a great resource for the professional ceramic artist or hobbyist.

Rex Benson

Sculptor, Willis, Michigan

Go ahead. Get your hands dirty.



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