



Jimmy Hazel Clastic Design clasticdesigns.com Lements Concrete elements concrete.com





Making color personal requires state-of-the-art science.

A t BlueConcrete[™], we're passionate about color, we understand the nuance of light and hue. Our impeccable science and the eyes of experience deliver color matching that's very personally yours. Choose from the BlueConcrete[™] Color Collection, or select a Benjamin Moore[™] color, or send us your color reference sample and we'll match it.

For color that's right for your project choose the pigment science of BlueConcrete™.

TABLE OF CONTENTS:

/4-9 Color Collection, curated by The Lab

10 Pigment Pricing

/11 How to Order

/12 Color Collection for Pool Plaster

/13 Color Collection for Gray Portland Cement

/14-17 Standard Color Pigments

′17 StainZ

/18-19 CASE STUDY: Reaching Quiet

/20 About Us

/21 Terms & Conditions

/22 Credits

Color Collection

LEGEND

Benjamin Moore™ Color Number Benjamin Moore™ Color Name BC-00 Beautiful Color 0.00% Type Group-Loading Percentage Rate

Type I \$9.95lb. Type II \$15.80 lb. Type III \$35.00lb.





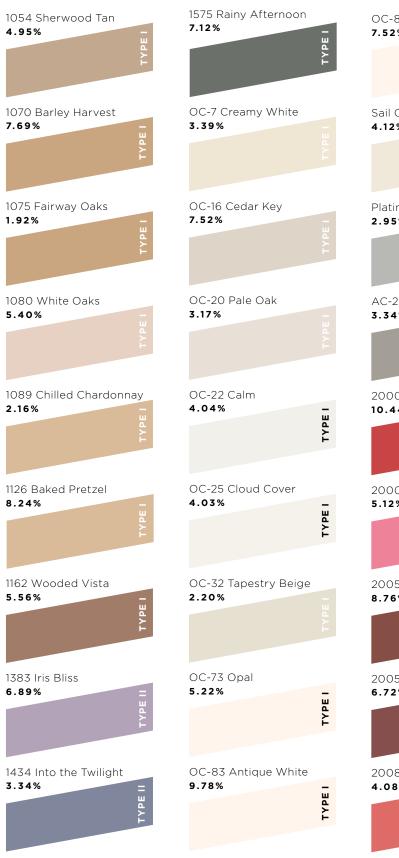
Color Collection

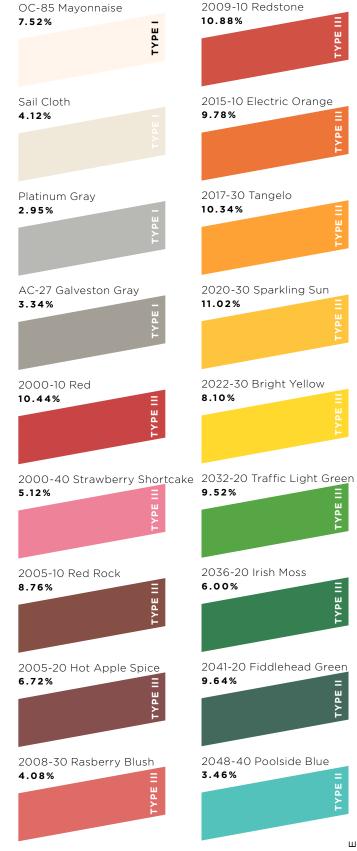
LEGEND

Benjamin Moore™ Color Number Benjamin Moore™ Color Name BC-00 Beautiful Color 0.00% Type Group-Loading Percentage Rate

Type I \$9.95lb. Type II \$15.80 lb. Type III \$35.00lb.

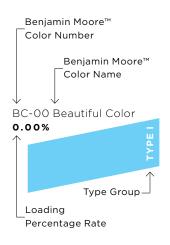






Color Collection

LEGEND

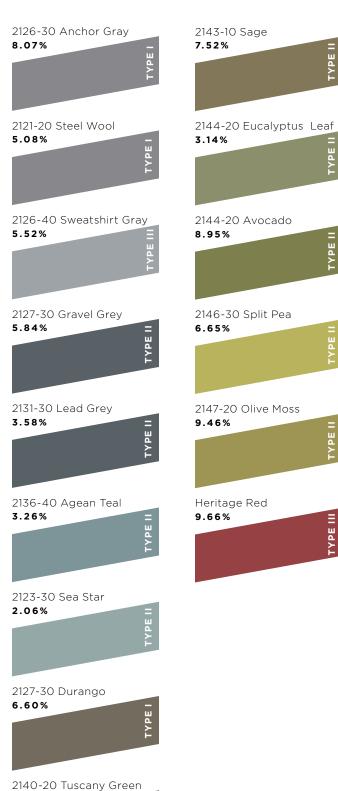


Type I \$9.95lb.

Type II \$15.80lb.

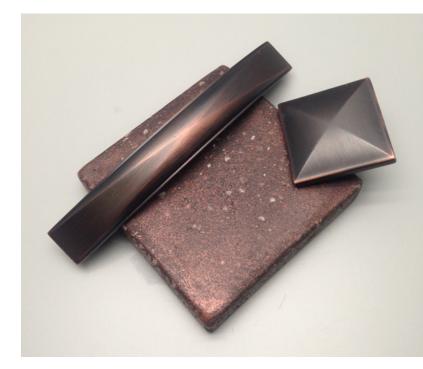
Type III \$35.00lb.





8.82%

Custom Color Example



ur lab recently created this beautiful base color plus metallic pigment for a custom kitchen by <u>Steve Millard</u>. Topical application mixed with water based arcylic sealer.

Pigment Pricing



Color Collections pricing by type

Type I \$9.95 lb.

Type II \$15.80 lb.

Type III \$35.00 lb.

CUSTOM COLOR FORMULATION FROM THE LAB

We can match a physical color reference, for example a fabric swatch, a piece of tile, or perhaps even a river rock. Phone us and we will help you achieve your desired color. Additional charges apply.

*For colors not included in this color guide, there will be an additional, one time charge of \$75 for other Benjamin Moore $^{\text{TM}}$ and custom color formulations.

BEST PRACTICES:

The final appearance of the concrete product is determined by a combination of several color factors, including surface texture, color of the cement-pigment paste, aggregate color, admixtures, and water/cement ratio.

Test using a small batch of your mix design before any large pour. Use the same steps and example as ordering to figure your color test mix design.

Benjamin Moore™ Color

S tart a color conversation with homeowners, kitchen designers and contractors using Benjamin Moore colors.

Our in-house color lab can match any Benjamin MooreTM color, allowing your project seamless color expression in homes, businesses and landscape projects.

Most of the Benjamin Moore™ custom color blends use white portland cement, with the exception of certain darker hues that may benefit from the depth imparted by using gray portland cement.

How to order Custom Color

All colors are formulated as a percent of "TCB". (Total Cementitious Binder). TCB weight is typically your Portland cement content plus pozzolans.

The "Load Rate" percentage numbers listed with the color swatches are meant to be applied at that percent of your specific TCB.

WHEN USING ULTRASEALZ IN YOUR MIX:

To calculate TCB when using BlueConcrete's modified pozzolans or pre-blended mixes, using the following:

TCB for UltraSealz ZFRC - 40%

TCB for UltraSealz - 30%

TCB for Fuzion ZFRC - 25.8lb per 50lb bag

TCB for Fuzion ECC - 27.2lb per 50lb bag

CALCULATING YOUR ORDER

- 1. Figure your TCB (Total Cementitious Binder)
- 2. Apply the "Loading Rate %" x TCB for quantity required
- 3. Add 10% for spillage and slurry
- 4. Look up the "Type" for a cost per pound
- 5. Order!

EXAMPLE:

75 lbs TCB

2% Loading Rate for Type I, II, or III color =	1.5 lb
+ 10% for Spillage and Slurry =	0.15 lb
Total	1.65lb
Order (Round up to next full pound)	2.00lk

FEDERAL WHITE PORTLAND CEMENT

The final appearance of the concrete product is determined by a combination of several color factors, including surface texture, color of the cement-pigment paste, aggregate color, admixtures, and water/cement ratio. Ordering

TO ORDER PHONE 1-678-729-9330 OR ORDER ONLINE

HTTP://BLUECONCRETE.COM/COLOR/



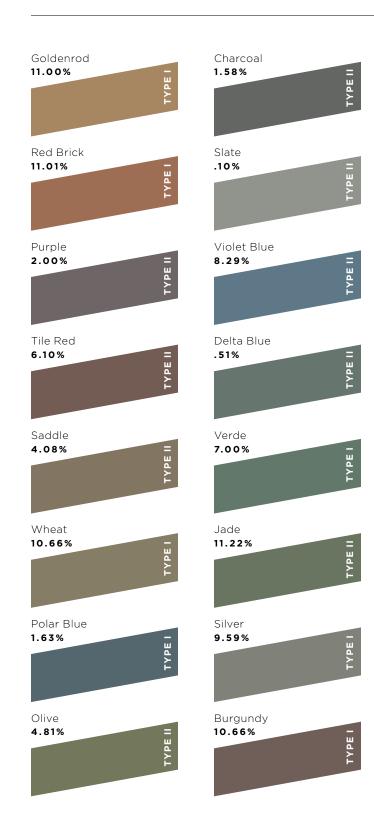
Color Collection for Pool Plaster

\\/\delta e understand the suitability of pigments for the demanding environment of swimming pool plaster. We combine this knowledge with high intensity blending equipment and automated packaging design to provide the most cost effective solution for pool plaster color. We produce colors for plaster, quartz and pebble finishes. Sample tiles and custom color available.

Contact Bill Bunker for help with color. Office 1 + 678 729 9330. bill.bunker@delta-performance.com



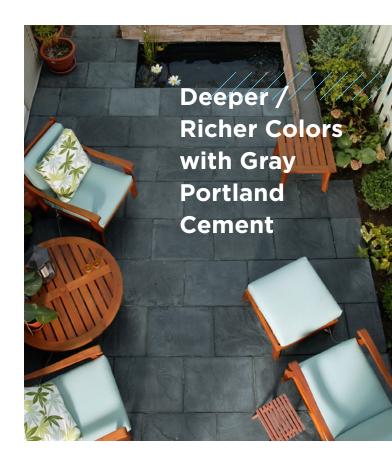




Color Collection using Gray Portland Cement

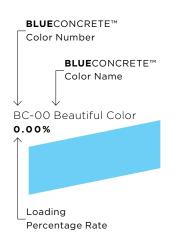
This collection offers the most commonly requested colors for use with gray portland cement. The natural color of a gray mix creates richer, deeper colors and organic feel. It is important to keep in mind that gray cements vary in color from manufacturer and location.

We will accept samples in your gray cement to custom match color.



Standard Color **Pigments**

LEGEND



TO ORDER PHONE 1-678-729-9330 OR ORDER ONLINE HTTP://WWW.BLUECONCRETE. COM/COLOR-PIGMENTS/



BLACK

4.50%

BLUE

SB-35 Teal Blue

SB-35 Teal Blue

SB-35 Teal Blue

SB-35 Teal Blue

2.00%

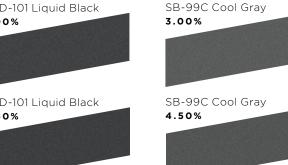
3.00%

4.50%









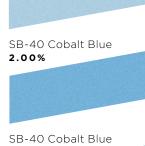
SB-99C Cool Gray

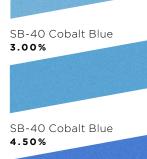
SB-99C Cool Gray

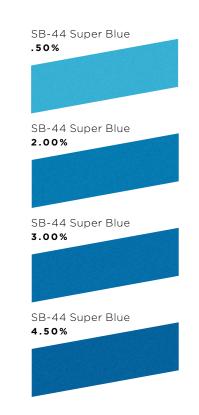
.50%

2.00%













SB-48 Ultra Blue

SB-48 Ultra Blue

SB-48 Ultra Blue

SB-48 Ultra Blue

.50%

2.00%

3.00%

4.50%



SB-54 Green Blue

SB-54 Green Blue

SB-54 Green Blue

SB-54 Green Blue

2.00%

3.00%

4.50%

.50%















MAGENTA/VIOLET

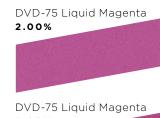


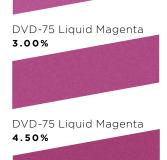






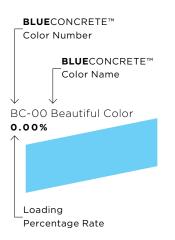






Standard Color **Pigments**

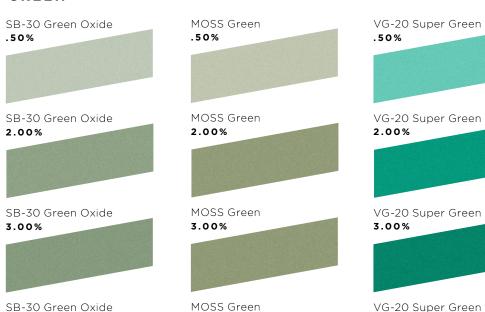
LEGEND



TO ORDER PHONE 1-678-729-9330 OR ORDER ONLINE HTTP://WWW.BLUECONCRETE. COM/COLOR-PIGMENTS/



GREEN

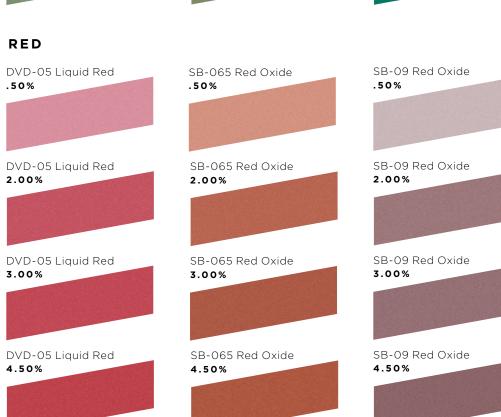


4.50%

4.50%

RED

4.50%

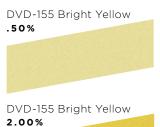


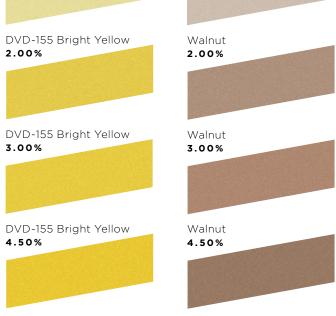
BLUECONCRETE™ | 1 + 678-729-9330 | email: <u>support@blueconcrete.com</u>

YELLOW

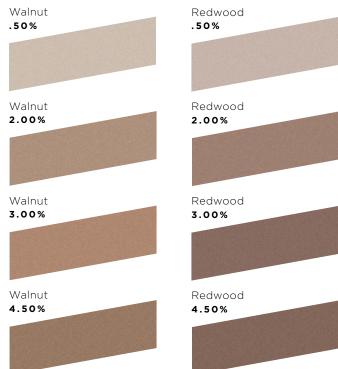
SB-144 Yellow Oxide







BUFF



TAN



Stainz



StainZ are pigment based, not acid dyes, and are compatible with the ICT Sealers. They achieve the desired appearance with nano sized pigment particles that penetrate deeply into the concrete surface. The carrier reacts with the concrete to lock in the particles. No metal salts, no acetone. Apply StainZ by spraying, rolling, brushing, or sponging. StainZ can be used alone or in combination with integral color and can be diluted to form a glaze. UV Stable Environmentally Friendly Easy to use StainZ are packaged in 4oz Spray Bottles, Quart Containers and 1 Gallon Containers.

CASE STUDY

REACHING QUIET

Award winning design + build firm, Reaching Quiet collaborates with Happy Box Architects on a colorful bath in Charlotte, NC. BY JEREMY FRENCH

olor is an integral component to a well executed design. Color sets the tone, it is the voice of a space that tells the story the design is executing. Color is not limited to one design aesthetic, rather it is a critical component to every design. Regardless of the story a designer is aiming to tell, color will be the narrator guiding the journey through a space. Custom Color gives the design community an invaluable tool in creating the right space.



Reaching Quiet is an awarding winning design+build firm based in Charlotte NC. Well versed in the design and fabrication of wood, steel and concrete, they prove a tremendous resource to the community of the Queen City. When a designer is looking for the elements to complete a space, Eric Boyd and his team have the tools to help execute that vision.

Eric and his team were approached to create a pair of vanities with some specific design criteria. The vanities needed to accentuate a custom tile mosaic, provide function within the space, and humanize an otherwise stark interior. These challenges were well faced with the creation of two custom vanities with integral sinks, sitting atop custom carbonized bamboo cabinets. Warmth and humanity from the bamboo, function from well crafted integral sinks, design continuity and life from the custom colored vanities; Reaching Quiet hit the mark.

TECHNICAL NOTES: Key Lime (2031-50) and Vermillion (2002-10) were chosen as the custom colors. These colors were used in conjunction with the Fuzion ZFRC which was applied through spraying and hand lay-up. In this case, the custom blends for these colors were made with liquid pigments. All pigments will have effects on the process of mix design development, mixing, casting, curing, and processing of the concrete piece in concern. In many cases, pigment blends will have little noticeable effect in these areas, while in other cases the pigments can have a significant effect. It is important to understand the potential effects the pigment

can have in the process prior to forging through. In this particular instance, a certain amount of water and plasticizer is held back from the standard mix design, compensating for the liquid in the pigment and their slight plasticizing effect. In many cases, as was the case here, high loading of certain pigments can have a retarding effect during the initial cure. Adjustments were made to extend the cure in the mold as compensation. Once removed from the molds, as a result of Eric's diligence, skill, and forethought, the pieces required practically zero processing. Regardless of your project, gaining an understanding of how the particle shape, chemistry, and composition of various pigments will behave in your mix designs will provide you with the tools to move forward successfully.

About us



BlueConcrete™ provides a wide array of materials which, simply said, allow our customers to earn profits with concrete. We have extensive color and admixture experience and use this information to provide technical support and mix design assistance. We have blending, packaging, and custom color matching capability and extensive sample preparation.

Our **blueconcrete.com** website caters specifically to artisans and fabricators of pre-cast and GFRC concrete elements.

Askblueconcrete.com is our forum for industry professionals to exchange information and support each other with industry knowhow.







Delta Performance is a provider of solutions in the medium of concrete! Our work in these markets is synergistic and yields new and interesting materials and methods. Combined with passionate delivery, Delta is a trusted and unique solution provider.

Mandala Studio is our in-house proving ground where we innovate and refine our use of materials, equipment, procedures, and finishing techniques.

Buddy Rhodes Concrete Products provides an easy to use and proven system for GFRC, Precast, and Pressed concrete elements and is sold through dealers throughout the United States and Canada.

TERMS & CONDITIONS

In addition to the Terms and Conditions of Sale of Stock or Standard Products, acknowledgment and acceptance of which is evidenced upon confirmation of an order, the following shall apply to any and all custom color products. As concrete is composed of natural materials that have certain inherent characteristics, some amount of shading or color variation is a natural occurrence which should not be construed as a defect.

Customer acknowledges and agrees that the custom colors are NOT guaranteed for evenness of color and may not be the exact shade anticipated. The shade and color may vary due to the cure procedures, water/cement ratio, local aggregates, mixing techniques, temperature, additives and the color of the cement used.

Once samples are approved, ordered and shipped, customer acknowledges full liability of any and all invoices for same regardless of satisfaction of use or application.

LIMITED WARRANTY THIS PRODUCT IS NOT FOR PUBLIC USE.

BlueConcrete™ colors and admixtures are intended for use by experienced, knowledgeable contractors. Product is warranted to be of uniform quality. Since we have no control over the use of this product, no warranty, expressed of implied is or can be made, either as to the effects or results of such use. In the event of a proven material defect, our total obligation shall be limited to refunding the purchase price or replacing the material proven defective, at the point of purchase.

The statements and recommendations made in this publication are based on our own research and the research of others, and believed to be accurate. However, no guarantee of accuracy is made, the products discussed being sold without WARRANTY OF MERCHANTABILITY AND OR FITNESS FOR PARTICULAR PURPOSE OF USE. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent.

Terms & Conditions

Credits

We admire the work of our colleagues and thank them for letting us show their work in this color guide.

COVERS

Designed by Christopher Coleman

Photo Courtesy of Kohler Design Center

Created by Buddy Rhodes Studio

PAGE 2 LEFT TO RIGHT, TOP TO BOTTOM

Justin Brown, 2Stone Designer Concrete Inc. | 2stone.ca

Ben Nettles, Ben Nettles Concrete Design, LLC | bennettlesconcrete.com

John Bass, Surface-Form | surface-form.com

Jimmy Hazel, Clastic Design | clasticdesigns.com

Jerrad Inlow, Elements Concrete | elementsconcrete.com

Brandon Gore, Gore Design Co. | goredesignco.com

David Eerdmans, Hard Topix, LLC | hardtopix.com

Dave Grech, Trueform Concrete, LLC | trueformconcrete.com

CASE STUDY

Eric Boyd, Reaching Quiet | reachingquiet.com





www.blueconcrete.com