

## Mixing colorants

When mixing colorants it's important to first decide how saturated you want your color to be.

There is a maximum load to each colorant listed on the bottle.

The maximum load is the highest percentage of pigment you can add to a powder cement product (grout, thin set or concrete) to obtain the most saturated color.

### **DO NOT ADD MORE THAN THE MAXIMUM LOAD**

or your product will not harden. If you add less colorant you will get a lighter value.

### **YOU MUST MIX YOUR DRY CEMENT BASED PRODUCTS AND COLORANT TOGETHER FIRST BEFORE ADDING WATER**

## What you will need

Scale to measure in grams (Amazon)

Measuring spoons and cups (I recommend metal)

Large container for mixing

Small container for testing color (I recommend silicone)

Large and small spatula (I recommend silicone for large and Italian metal for small)

Ziplock baggies

Dropper or syringe for water

## Mixing suggestions

Shake powdered colorant and cement base in a ziplock baggie until very well mixed.

Scoop out a small amount into a small silicone cup, add drops of water and mix to determine color.

(Remember it will always dry lighter) If you are satisfied, then transfer the amount you need from the baggie into a mixing bowl and add water slowly until it is peanut butter consistency.

Approximate measurements: 1C concrete base = 1.44 teaspoons of colorant for 3%,  
1.92 teaspoons of colorant for 4%, 4.8 teaspoons of colorant for 10%

## Color mixing

When mixing colorants together to create new color combinations, mix the colorants dry before adding to your concrete base and liquid.

I recommend you create a small sample board to ensure you get the color you want.

## Safety and clean up

Particulate (N95) mask recommended. Avoid contact with skin and clothes. Wash with water.

**Play, create, have fun, and**

*imagine the possibilities!*

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RAINBOW Colorants



[www.rainbowmosaics.com](http://www.rainbowmosaics.com)



**RED T26F**



**YELLOW 3776**



**TAN**



**COBALT TEAL 535**



**COBALT BLUE**



**BLUE 6847**



**MAGENTA GT**



**WINE**



**GOLDEN**



**BUFF 659**



**BRICK**



**RED 241**



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