

J.C Epiphany

Color Pigment Oxides

Mixing Concrete with Cement Oxide

Oxides may be used with bases such as cement, plaster, mortar and grout. Test with a small quantity of base before manufacturing large batches. Store unused oxide in a cool dry place in a sealed container.

The following colors are best used with WHITE cement:

- Coral*
- Honey Yellow*
- Light Blue
- Mauve*
- Mustard Yellow
- Squash Orange*
- Turquoise*

***Custom Blended Colors**

Mix dry oxide well before
measuring and blending
with dry concrete mix

The following colors are best used with GREY cement**:

- Barn Red
- Charcoal Grey
- Dark Blue*
- Dark Green*
- Green

**If lighter oxides are used with grey cement, the color tone may be slightly duller than when used with white cement.

Instructions

1. Wear gloves and mask. Work outdoors or in a well-ventilated area
2. Calculate the amount of pigment needed according to the ratio of Pigment:
Cement + Sand Mix plus 4%-5% oxide. For paler / pastel hues, use less oxides.

Example: For 1 lb. (454g) cement mix, add 22.7g (5%) oxide.

Please note: adding more than the recommended amount of oxide will not result in a more intense color as the mixture will become super saturated.

3. Pour pigment into DRY cement mix and evenly mix cement and pigment.
4. Mix cement-pigment mixture with water. Approximately 30% water added will produce a thick rich mixture. Use more or less water for a thicker or thinner mortar. Water percentage is calculated based on the number of grams of dry cement-sand weight.
5. Ensure mixture is properly mixed using a grout mixer, trowel or spatula. Scrape the sides of container a few times while mixing (if applicable).

For additional queries, please email us at jcephany@yahoo.com

www.jcephany.com

J.C Epiphany Color Pigment Oxides

6. After casting or applying mortar, allow to dry for 24-48 hours or longer to cure. After drying, color tone may lighten.
7. Cured concrete may be sanded if needed. 400-1000 grit or higher recommended.
8. Finished concrete creations may be left unsealed or sealed with concrete sealer. Sealing helps to further strengthen and protect the concrete from stains, wear and tear.
9. Cement creations for outdoor use may lighten oxide colors over time.