



# MASONRY COLORS

## 1. DESCRIPTION

**PRISM PIGMENTS MASONRY COLORS** are custom packaged dry pigments for the integral coloring of masonry mortar. This product requires no field measuring and is environmentally safe. The pigments are finely milled and specially blended to ensure maximum color effect and proper dispersion throughout the batch. The addition of color to any masonry mix does not affect the chemical composition of the original mix.

## 2. USES PRISM PIGMENTS MASONRY COLORS

when added to the mortar mixture can be designed to match, complement or contrast the brick, stone, block, or other masonry material being used on the project. Colored mortar may be used below or above ground, on interior or exterior walls when added to the appropriate strength design mortar. Pre-measured packages of color mixed on-site with quality portland, lime, and sand, or masonry cement will yield a mortar with color uniformity from batch to batch.

## 3. COMPOSITION AND MATERIAL PRISM PIGMENTS

**MASONRY COLORS** contain only finely milled synthetic iron oxides, the strongest and most stable colors available. These colors are lime-proof, sunfast, inert, stable, and meet or exceed the criteria of ASTM C979.

## 4. COLORS – PRISM PIGMENTS MASONRY COLORS

cover the full range of the color spectrum: brown, buff, tan, black, yellow, orange, red, green, blue, and white. Each color match is handled on an individual basis. We recommend your raw materials which will be used in the final project be submitted to our lab for preparation or the required color matches and samples.

**5. FIELD SAMPLES** A sample of the proposed mortar coloring will be provided for on-site preparation of the sample panel for architectural approval. Preparation of this panel with all materials and systems that will be employed in the final project is imperative. Do not mix by hand. Retain the mock-up or field sample through the completion of the project.

## 6. CONCENTRATION RATES PRISM PIGMENTS

**MASONRY COLORS** come pre-packaged in the necessary packaging for your on-site use. Because of the strength of synthetic iron oxide pigments, standard loadings to the cementitious weight of the batch do not exceed 5%. Levels greater than 5% will not enhance the color.

**7. MIXING PRECAUTIONS** The finishing mortar color will be affected by the color of the raw ingredients used in the mix. The raw color in the bag may not appear to match the final color. The finished color should not be analyzed until addition and full mixing of the cementitious materials, water, and aggregate. Mixing must be accomplished using a mechanical mortar mixer to obtain full mixing of the colored mortar mixture. Uniform color requires consistent material proportioning. Never attempt to mix less than a full batch.

**8. MIXING** Start mixer, load 1/3 - 1/2 of the total water. Add 1/3 - 1/2 of the total amount of the sand. Add the full batch of batch-size mortar color. Mix for a minimum of one minute. Add remaining cementitious materials, mix five additional minutes.

**9. CLEAN-UP** Rinse out mixer following each batch. At day end, add aggregate to final rinse water and mix for three minutes. Continue with normal washout procedures.

**10. CLEANING** Mortar should be cured a minimum of 28 days. Clean only with potable water. Colored mortar joints should not be cleaned with muriatic acid.

**11. CAUTIONS** Mix only in full batches, adding full bag of color. Use only one brand of masonry cement, portland, lime, and aggregate to complete the project. Maintain a uniform cement/water ratio. Maintain uniform mix times. Do not strike joint too early or too wet. Do not retemper mortar by adding additional water. Keep the same mixing personnel for the life of the project.

## 12. ENVIRONMENTAL AND SAFETY PRECAUTIONS

Safety glasses and dust mask are recommended when handling color pigments. The cementitious materials mixed on site are alkaline on contact with water, irritating to the eyes or contact with the skin. In case of eye contact, flood eyes repeatedly with clean water and see a physician immediately. **DO NOT RUB EYES!** Wash hands thoroughly after handling or before eating. Do not take internally. Keep out of the reach of children.

## 13. PACKAGING PRISM PIGMENTS MASONRY COLORS

are custom-packaged to your specification. They need to be kept dry and protected from damage. Under these conditions they have an unlimited shelf life.

**14. TECHNICAL SERVICE** For information, please contact: PRISM PIGMENTS, a division of Mix Manufacturing, Inc. 1251 Arundel Street, St. Paul, MN 55117  
Or call Toll Free (888) 440-4250 • Office (651) 488-4250  
Fax (651) 488-6091

**WARRANTIES:** Seller warrants that its Products will conform to and perform in accordance with the product's specifications. This foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to, those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that, except for claims for bodily injury, Seller's liability to the Buyer or any third party, arising out of the purchase of the Product from the Seller by Buyer shall not exceed the total amount billed and billable to the Buyer for the Product hereunder.