

## DURA-POWDERED INTEGRAL COLOR

**DESCRIPTION AND BASIC USE:** Proline DURA-POWDERED INTEGRAL COLORS are packaged in 1-pound, 5-pound and 25-pound bags. Each color chip includes a name, color code, and dosage rate per 94-pound sack of cement. Integral Colors are used in ready mix, architectural pre-cast, cast-in-place, tilt up, ornamental concrete, shot-crete, mortar, pavers, roof tile, stucco, concrete masonry, retaining wall units, and other cement-based construction materials. These products are designed for mix-in use only and should not be sprinkled onto the surface of the concrete.

**COVERAGE AND CONSISTENCY:** One, five, and twenty-five pound bags of Proline DURA-POWDERED INTEGRAL COLOR per 94-pound sack of cement are added to the ready-mix truck to achieve the desired color. Cement color varies regionally throughout the United States;. It is recommended that contractors check with their local batch plant for a shade comparison to the cement base color on the provided color chart. Differences in cement colors, aggregates, sand and water volume in the mix can alter the finished color. Components should be from a single source and accurately measured and subsequent batches duplicated with equal pigment-to-cement ratios to maintain consistency throughout the project. Ensure that truck mixers are cleaned prior to use and mixing time is consistent throughout the job. Custom colors can be created by adjusting the amount of color added to the mix. A job site test slab is recommended. Slump should be between 4"-5". Keep water content uniform. Water content that is too high will cause concrete to appear faded. If specifications call for a lower water content it is advisable to use water reducing admixtures to maintain workability of concrete. Consistency in weather conditions, water content, and finishing techniques are crucial for batch-to-batch uniformity.

**FINISHING AND CURING:** A variety of finishing techniques can be used with integrally colored concrete. If a textured surface is desired, visit [www.prolinestamps.com](http://www.prolinestamps.com) or call your Proline customer service representative for examples of concrete stamping ideas and techniques.

\*Plastic sheeting and other objects should not be used during curing or it may result in uneven coloring. Additional water application should be avoided during finishing and concrete should be cured according to ACI (American Concrete Institute) standards. Chloride based additives should not be used as a set-accelerator as it causes discoloration. For best results, do not over-trowel.

**SEALING AND MAINTENANCE:** A quality Proline sealer is recommended to be applied to fully cured concrete, a minimum of 28 days, to protect the newly colored concrete surface. The concrete must be cleaned and thoroughly dried prior to application. Proline provides sealing products such as, DURA-SEAL HG (High Gloss finish) and DURA-SEAL MATTE (Matte finish), which are solvent-based acrylic clear sealers, as well as DURA-THANE, which is a polyurethane product that provides additional durability. Inspect annually for areas of thin or traffic-worn sealer and re-apply as necessary. Standard cleaning practices for colored concrete should be followed; schedule periodic cleaning to avoid accumulation of dirt, flatwork and floors are easily maintained by sweeping, clean spills when they occur, hose off dirt with water, and treat heavily soiled areas by wet mopping and/or scrubbing with a properly diluted, high-quality commercial grade detergent.

**CAUTION:** KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Safety Data Sheet and Warranty. DO NOT TAKE INTERNALLY. Avoid contact with skin and eyes. Use only with NIOSH approved respirator, safety goggles, and gloves when using these products.

**WARRANTY:** This product is not for public use and is intended for use by licensed contractors, experienced and trained in the use of these products. It is warranted to be of uniform quality within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the affects or as results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.