

# COLORCRON®

*Mineral aggregate, colored dry shake surface hardener*

## DESCRIPTION:

COLORCRON is a ready-to-use surface hardener which, when evenly distributed and finished over freshly leveled and floated concrete, adds color and improves the wear resistance of concrete floors.

COLORCRON surface hardener is available in the following colors:

Tile Red	French Gray
Battleship Gray	Nile Green
Terra Cotta	High Reflective

## RECOMMENDED FOR:

- Coloring and increasing wear resistance for indoor and outdoor concrete floor installations such as: institutional and commercial floors, shopping centers, motels, schools, theaters, hospitals, parking garages, sidewalks, driveways and patios
- Warehouse and storage areas, automotive service shops and other maintenance facilities where traffic and wear do not demand the added abrasion resistance of the metallic aggregate surface hardener, MASTERPLATE®
- Areas where attractive, more uniform color is desired to enhance the appearance of the working environment

## FEATURES/BENEFITS:

- Increases the strength and wear resistance of a concrete floor surface, offering up to twice the serviceable life of a plain concrete floor
- Provides built-in color to eliminate the cost of periodically painting the floor
- Creates a high-density, easy-to-clean surface that increases resistance to liquid penetration
- Improves resistance to scaling in slabs exposed to deicing salts. (See Limitations regarding air entrainment.)
- Available in a high reflective color for reducing energy costs

## PACKAGING/ESTIMATING:

COLORCRON surface hardener is packaged ready-to-apply in 55 lb (25 kg) moisture-resistant bags. No further measuring or mixing of the ingredients is required at the jobsite, thus movement of material and use of labor is more efficient.

The standard application rate of COLORCRON surface hardener is 1.0 to 2.0 lbs/ft<sup>2</sup> (4.9 to 9.8 kg/m<sup>2</sup>) of floor area. If more than 1.0 lb/ft (4.9 kg/m<sup>2</sup>) total shake will be applied, apply in two applications. Consult your Master Builders representative for a specific recommendation.

## APPLICATION:

Consult the COLORCRON Installation Bulletin or the product bag for detailed information on the application of COLORCRON surface hardener.

Master Builders recommends that the user request the service of the local representative for a pre-job conference to review the concrete mix design and additives and to carefully plan each step of the installation.

**NOTE:** Colored floors require extra care during construction. Furthermore, the newly constructed floor must be protected from staining and damage until the structure goes into service. Many factors can affect the final shade and appearance of a colored concrete floor. Master Builders cannot be responsible for matters beyond our control which would be the direct result of poor workmanship or inadequate protection.

## CURING:

At the completion of final troweling and when the surface will not be marred, apply an approved Master Builders membrane curing compounds according to directions.

## LIMITATIONS:

- Do Not Use:
  - Where operating and service conditions dictate the use of a metallic-aggregate surface hardener for even greater wear resistance.
  - On areas exposed to acids, their salts or to other materials known to rapidly attack or deteriorate portland cement concrete.
  - Where resistance to struck sparks on the surface is desired. Colored formulations of MASTERPLATE® 200 metallic-aggregate surface hardener should be used when heavier or more abrasive traffic demands are anticipated or when resistance to struck sparks is needed.
- Do not apply over concrete containing added calcium chloride.
- Do not apply over concrete containing more than 3% air content when tested by ASTM C173 or ASTM C231 procedures. Higher entrained air contents are frequently specified for concrete slabs exposed to water saturation, deicing salts and freeze/thaw cycles. The high air content makes proper application of dry shakes difficult or impractical, depending on the dimensions of the placement and ambient conditions. Contact your local Master Builders representative for more information.
- This product contains cement which may cause irritation. Avoid contact with eyes and prolonged contact with skin.

## RELATED BULLETINS:

Material Safety Data Sheet - COLORCRON  
Installation Bulletin 8I14 - HIGH REFLECTIVE COLORCRON  
Specification Bulletin 8S14 - HIGH REFLECTIVE COLORCRON

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