



INCRETE METAL FX

METALLIC-EFFECT PIGMENTS FOR EPOXY-FLOORING SYSTEM

EUCLID CHEMICAL

PACKAGING

1 gal (3.8 L) or 3 gal (11.4 L) unit

YIELD

10 mils/160 ft ²	250 μ/15 m ²
20 mils/80 ft ²	500 μ/7.5 m ²
40 mils/40 ft ²	1000 μ/3.7 m ²

APPEARANCE

Metallic Powder available in 10 standard colors

CLEAN UP

Clean tools and application equipment with INCRETE SOLV-KLEEN, methyl ethyl ketone or acetone immediately after use. Clean spills or drips with solvent while still wet. Dried product will require mechanical abrasion for removal.

SHELF LIFE

4+ years in original, unopened containers

BRIEF OVERVIEW

INCRETE METAL FX is an indoor, epoxy-flooring system that can be customized to produce unique, metallic-look, light-reflective floors. INCRETE METAL FX pigments are colored blends of nanoparticle pigments that are pre-measured, and when used in INCRETE HIGH PERFORMANCE EPOXY, there is no limit for creating brilliant, vivid, one-of-a-kind floors. 10 standard colors that can be mixed, matched, and combined to a limitless variety of colors and looks. Like all the Increte high performance flooring options, INCRETE METAL FX has a high chemical and abrasion resistance

PRODUCT CHARACTERISTICS

ADVANTAGES

- Pre-measured pigments
- Durable, abrasion resistant
- Low odor
- Multi-dimensional effects
- Chemically resistant
- Colors can be used alone or combined

COMMON USES

- Restaurants, kitchens, cafeterias
- Retail or commercial floors
- Garages and service areas
- Clean rooms
- Showrooms
- Hotel Lobbies and entryways
- Medical facilities
- Arcades

COMMON APPLICATION METHODS

- Trowel
- Roller
- Squeegee

DIRECTIONS FOR USE

SURFACE PREPARATION

This epoxy floor coating is designed for application on concrete substrates. New concrete surfaces should be cured for a minimum of 28 days prior to coating. Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and other contaminants. Mechanically abrade the surface to achieve a surface profile equal to CSP 2-3 in accordance with ICRI Guideline 310.2. Properly clean profiled area. The pH of the surface should be checked according to ASTM D 4262. Following surface preparation, the cleaned surface should have a minimum surface-tensile strength of 200 psi (1.4 MPa) when tested with an Elcometer or similar pull tester (ASTM D 4541). Before applying the coating, use the "Visqueen" test (ASTM D 4263) or "Calcium Chloride Test" (ASTM F 1869) to evaluate the moisture level in the concrete. Do not proceed if a moisture vapor drive condition exists. Moisture vapor emission rate may vary over time depending upon environmental conditions. All steel surfaces should be blasted in accordance with SSPC-SP10 or NACE #2 to a "near white" finish using clean dry blasting media.

DIRECTIONS FOR USE CONT.

PRIMING

For best results, prime the surface with Euclid Chemical's DURAPRIME WB water-based epoxy primer. Euclid Chemical's DURAPRIME WB can also be colored with INCRETE METAL FX at the same dose to ensure a uniform base for the INCRETE METAL FX top coat. The surface may also be primed with a coat of pigmented INCRETE HIGH PERFORMANCE EPOXY.

MIXING

Primer must be dry before applying INCRETE METAL FX system. In a clean container, pour all of Part A and mix. Then add the pre-measured INCRETE METAL FX pigment to the Part A and continue mixing until blended. Pre-mix Part B, then add to the Part A/INCRETE METAL FX and mix thoroughly using a low-speed drill motor and a "Jiffy" type mixer. Mix only the amount of material that can be applied during the pot life. Do not aerate the mix.

APPLICATION

Pour the mixed epoxy on the floor in ribbons and spread using either a roller or squeegee. Because of the unique appearance of INCRETE METAL FX, the film thickness and finishing techniques will have an impact on the final appearance of the floor, with the most dramatic effects occurring when the pigments are allowed to migrate with the film. Spritzing the surface with denatured alcohol will add mobility to the INCRETE METAL FX. Other special effects can be created using compressed air, squeegees and other methods.

TOPCOAT

Apply clear INCRETE HIGH PERFORMANCE EPOXY topcoat as directed. For greater abrasion and chemical resistance a final coat of INCRETE URETHANE, INCRETE URETHANE WB or POLYSEAL HS may be applied. For additional protection and ease of maintenance, apply INCRETE HIGH GLOSS WAX.

PRECAUTIONS/LIMITATIONS

- INCRETE METAL FX floors can create unique effects, but while the process is simple, some practice is required to develop the best application techniques.
- Do not mix or apply unless surface, air and material temperatures are 50 °F (10 °C) and rising.
- Do not apply INCRETE METAL FX to floors if there is moisture vapor drive or hydrostatic pressure.
- INCRETE METAL FX pigments are not designed for direct exposure to UV light. Colors may fade if exposed to direct sunlight.
- Epoxy will yellow upon prolonged exposure to sunlight or high-intensity artificial lights. A urethane topcoat is highly recommended for improved color stability.
- Although epoxy coatings are chemically resistant, the surface may stain after contact with some chemicals. A urethane coating is highly recommended to protect the surface.
- For professional use only
- In all cases, consult the Safety Data Sheet before use.

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