

Application Instructions ***“Legacy Metallic Epoxy Floor System”***

Store product in an area so as to bring the material to normal room temperature before using. Continuous storage should be between 60 and 90 degree F. Coatings may cause surface to become slippery under certain conditions. If you require additional slip resistance a non skid additive may be required. Consult with your representative for details. Keep out of the reach of children. Refer to Product label and MSDS for additional safety precautions.

Surface Preparation

Perform a Moisture Test:

A test should be made to determine that the concrete has an appropriate vapor barrier. This can be done by placing a 4' X4' plastic sheet on the substrate and taping down the edges. If after 24 hours, the substrate is still dry below the plastic sheet, then the substrate does not show signs of eventual hydrostatic pressure problems that may later cause disbonding.

Clean the Floor

All dirt, oil, dust, foreign contaminants and laitance must be removed to assure a trouble free bond to the substrate.

Prepare the Surface

Grind, shot blast or acid etch the surface. The objective is a CSP2 profile. All voids and cracks need to be prefilled prior to coating. Xtreme Set 100 can be used to make joints and cracks “disappear” prior to coating. Any anomalies not addressed will have an effect on the coating appearance. It is imperative that all surface defects be smoothed out or removed.

NOTE: Ensure floor is rinsed properly and dry before applying epoxy.

Application

These application instructions are a basic guide. The nature of a metallic- system is self-expression and creativity. There are installation “tricks” that can yield some “other-wordly” results using trowels, “spritizing” denatured alcohol, air jetting etc.... We suggest that the user experiment in an inconspicuous corner of the room if custom looks are desired.

Hint: Black or dark primers give your floor a more “metallic” look.

Primer Coat 1: (recommended)

Mix and apply (1) coat of Legacy’s Standard Epoxy Primer (clear or pigmented) at approx. 300 sq ft. per gallon.. This primer coat will help eliminate surface anomalies in the Base and Metallic Coats.
Allow to cure approx. 7 hours or when you are able to walk on without leaving marks (no more than 24 hours from start).

Primer Coat 2: (optional but will make the binder -HD137MET- flow better)

Mix and apply (1) coat of Legacy’s Standard Epoxy Primer (clear or pigmented) at approx. 300 sq ft. per gallon.. This primer coat will help eliminate surface anomalies in the Base and Metallic Coats.
Allow to cure approx. 7 hours or when you are able to walk on without leaving marks (no more than 24 hours from start).

HD-Metallic Clear Epoxy Binder HD137MET™

Mix the Color Pigment into Legacy Industrial's HD-Metallic Clear Epoxy "A" component. Once this is mixed thoroughly, add the "B" component and continue mixing until it is mixed thoroughly. Once mixed apply to the surface at approx. 80-90 sq ft. per gallon using a 3/8" nap roller and/or notched squeegee. Once applied, the user may create swirls with a "magic trowel" or the roller itself, spritz with acetone, etc... Go Wild!!

Allow to cure 10 hours prior to clear-coating and 14 hours for light foot traffic, 5-7 days for vehicle traffic.

Clear TopCoat: (optional)

If the user desires, a clear topcoat of HD356VOC Clear Urethane or HD322 HP Clear Urethane is appropriate at 375-400 sq ft per gallon. This is also a great medium to utilize a non-skid additive. Urethane is to be applied within 24 hours of HD137MET application or a de-gloss/solvent wipe procedure will be required.

Recommended: You may want to apply skid resistance to your epoxy floor. Please contact us for more information on skid resistance options and methods.

Always order more than you need! Once a floor system is underway accidents and/or miscalculations can occur. Better to be prepared than not.

These instructions are to serve as a basic guide. Field conditions are not consistent and therefore application and preparation methods may have to be modified in order to achieve a successful outcome. Installers assume this risk.

Contact: sales@legacyindustrial.net or dial: 1-888-652-0333 (After-hours, text 407-687-6020 for emergency help only)