



CE650 - 2 Part 100% Epoxy

A two part, 100% solids, high build, low viscosity epoxy.

DESCRIPTION

CE650 is a two component, 100% solids, high-build, low viscosity, low odor, modified cycloaliphatic, chemical resistant epoxy. This highly versatile epoxy coating comes in both clear and a variety of pigmented colors. CE650 is used to create industrial seamless floors in manufacturing plants, mechanical rooms, warehouses, commercial kitchens, aircraft hangars, and residential garages. In combination with Classic Paint Chips or Metallic Color Packs, it can be used to create a decorative floor coating. CE650 can be used to bind clean, kiln decorative rock or can be mixed with aggregate and used as a mortar for overlays or repairs for concrete. It is an excellent high build concrete sealer for interior use only. **Professional use only. New concrete must cure for 28 days before applying.**

COVERAGE:

200-300 sq. ft. depending on application method and surface conditions.

PACKAGING:

- 1 Kit includes:
- 1 Gallon Part A (Resin)
 - 1/2 Gallon Part B (Hardener)

STORAGE:

1. Store in a cool, dry area.
2. Store out of direct sunlight.
3. Protect pails and jugs from freezing weather and other damage.
4. Store at a temperature between 50°F and 95°F.

SHELF LIFE:

1 year (unopened)

COLOR:

- Clear
- Variety of colors

ADVANTAGES

Easy to apply and maintain
100% Solids
High build
Low odor and environmentally safe
Excellent adhesion and durability
Low Viscosity
Pot life is approx. 30 minutes (8 oz. (250g) at 77°F

LIMITATIONS

Do not apply at any temperature below 65°F or above 85°F
Must be installed on a clean and dry surface
For interior use only
Must prime the surface with Vapor Block Epoxy Primer before applying
Do not let mixed product sit in bucket for prolonged period of time or it will become very hot and unusable

TYPICAL USAGE

- Concrete
- Metal
- Wood
- Interior only
- Industrial and Residential
- Aircraft Hangars
- Commercial Kitchens
- Warehouses

Visit our Website:
www.ClassicCoatingsSystems.com

See our Youtube channel for
How-to Videos and our Instagram
for inspiration!



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SURFACE PREPARATION

- ✓ **READ SDS BEFORE HANDLING & APPLICATION**
- ✓ Highly recommended to test a small inconspicuous area first.
- ✓ **TURN OFF SPRINKLERS FOR TWO DAYS PRIOR TO AND AFTER.**
- ✓ Always protect neighboring surfaces including wood, carpet, metal, landscaping and other non-masonry surfaces.
- ✓ Caution: Surface is slippery when wet.
- ✓ Before you start, wear rubber gloves & safety glasses.
- ✓ New concrete must cure for 28 days before application.

Prepare surface by carefully and thoroughly removing any laitance, glue, grease and/or any other foreign matter. The hardness of the floor will determine what bond diamond to use. Grind floor with 30/40 grit metal diamond. Patch all existing cracks from 1/8"-1/4" with Classic micro patch gray (MPG100). Grind concrete till it feels like 50 grit sandpaper. Clean surfaces well with clean water, no dust. Vacuum floor between each pass as to not contaminate the floor with previous dust. Clean concrete surface with a walk behind floor auto scrubber, allow to dry for minimum 24 hours before applying CE650.

Be sure to prime your concrete with Vapor Block Epoxy Primer before applying CE650. Vapor Block Epoxy Primer comes in clear or gray.

HOW TO MIX

Mix part A for 6 minutes then pour part B into part A and mix thoroughly for at least 4-5 minutes or until you achieve a uniform color. Product is ready to use after mixing. Do not leave container in direct sunlight and keep lid on product when not in use. This product must be used within 1 hour and 30 minutes from the time it was initially mixed.

APPLICATION

Apply when air, material, and surface temperatures are between 65°F-85°F. Before applying CE650, surfaces must be dry and open to feel like an 80 grind. Apply one coat with a 3/8" by 18" wide nap roller. DO NOT allow to puddle. Wait 6 hours for the second coat if it is desired. First coat will still be tacky. Let it cure overnight and seal with Classic 2K Armor Polyurethane Sealer within 24 hours initial application. (Do not use any mixed epoxy that has been sitting for more than 1 ½ hours.)

For technical support, please call: (951) 279-2600

HANDLING PRECAUTIONS:

Use only with adequate ventilation. An appropriate cartridge type respirator must be used during application in confined areas. Avoid contact with skin. Protective gloves, eyewear and clothing are recommended.

PROP 65 WARNING:

Classic Coatings Systems, as a blender of processed material in the State of California, is required by Proposition 65 to warn that one or more of the components contained in the product contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. The State of California (Proposition 65) requires this warning in the absence of definitive testing to prove that the defined risks do not exist. We believe this product complies with all other applicable state and federal laws and regulations governing manufacturing, distribution and intended use. User is solely responsible for the legal disposal of this container and/or its contents.

WARRANTY:

Classic Coatings Systems products are warranted for one year after date of purchase. Please refer to the Limited Material warranty for additional clarification. **NOTICE TO BUYER: DISCLAIMER OF WARRANTIES AND LIMITATIONS ON OUR LIABILITY.** We warrant that our products are manufactured to strict quality assurance specifications and that the information supplied by us is accurate to the best of our knowledge. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. **NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, REGARDING SUCH OTHER INFORMATION, THE DATA ON WHICH IT IS BASED, OR THE RESULTS YOU WILL OBTAIN FROM ITS USE. NO WARRANTY IS MADE, EXPRESSED OR IMPLIED, THAT OUR PRODUCT SHALL BE MERCHANTABLE OR THAT OUR PRODUCT SHALL BE FIT FOR ANY PARTICULAR PURPOSE. NO WARRANTY IS MADE THAT THE USE**

OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. We shall have no liability for incidental or consequential damages, direct or indirect. Our liability is limited to the net selling price of our product or the replacement of our product, at our option. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. **BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET & FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.**

Technical assistance and info. is available by calling: (951) 279-2600
www.ClassicCoatingsSystems.com