

Classic Coatings Systems

EW2 - 2 Part Water Base Epoxy TDS

PRODUCT DESCRIPTION:

Classic EW2 Water Base Epoxy is a 2-part system A & B that comes clear or pigmented in 16 different colors. It has low voc and high solids designed to be used over most polymer modified cementitious toppings, concrete or waterborne colorants systems and over concrete restoration coatings where a low maintenance is desired. May also be applied to Spanish tile, provided the surface is properly prepared. Cleans up easily with soap and water. Available in 1 gallon jugs.

Caution: Surface is slippery when wet. **New concrete must be cure for 28 days.**

Surface Prep:

Prepare surface by carefully and thoroughly removing laitance, glue, grease and/or any 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 to 60/80 diamond, 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 EW2.

Mixing:

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 55-85°F

Before applying EW2, surfaces must be dry and open to feel like an 80 grind.

Apply one coat with a 1/2" 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 CL401 Pro-Seal 2000 wet look sealer or with Classic 2K Armor Polyurethane Sealer.

(Do not use any epoxy left in the pail that has been sitting for more than 1 ½ hours.)

A) Typical Uses

- Garage floors.
- Malls & retail stores.
- Schools & Residential.
- Over Concrete Restoration Products and Architectural Toppings.

B) Advantages

- Resists water penetration, Motor Oil, Transmission Fluid & Red Wine.
- Pot life 1 & 1/2 hours.
- Easy to apply & low voc.
- High Solids & High Gloss.
- Excellent adhesion & durability.
- Low cost, low odor & low maintenance.
- Available in clear & in 16 colors.
- Storage life 1 - 1 & 1/2 years.

C) Limitations

- May reflect working cracks in substrate.
- Applications temperature should be between 55° F and 85° F.
- Must be installed over a clean & dry surface.
- Interior use only.
- No Moisture & Hydrostatic pressure.
- Humidity no greater than 80% when applying

PHYSICAL CHARACTERISTICS AND TECHNICAL DATA

A) System thickness

3-4 wet mils per coat
Standard application is 2 coats

B) Coverage per liquid gallon

600-750 sq. ft. per gallon

C. Solids Content by Volume

55.5+ %

D. Cure time at

75°F	
Dry to touch	2-4 hours
Recoat	6 hours
Light foot traffic	12 hours
Full cure	5-7 days

Attention: Read MSDS before Handling and Application

4) PRODUCT AVAILABILITY & TECHNICAL ASSISTANCE

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Disclaimer

The information and recommendations contained herein are based upon data believed to be correct; however, no guarantee or warranty of any kind, express or implied, is made with respect to the accuracy of the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects, which may be caused by exposure to our products. Customers and users of this product must comply with all applicable health and safety laws, regulations and orders.

It is **HIGHLY** recommended that onsite samples and mock-ups be made by the applicator. Representative test sections must be produced for the Owner's approval in writing and to ensure that applicators are familiar with the product and installation procedures.

TECH. DATA