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Chemical Resistant Epoxy Coating

Protect Concrete, Steel & Other Materials From Non-Oxidizing Acids & Alkalines

100% solids zero VOC - meets even the toughest low VOC standards

Product #2 Chemical Resistant Coating

GENERAL DESCRIPTION

Chemical Resistant Epoxy Coating Product #2 is a two component, **100%** solids, Zero "0" VOC epoxy chemical resistant coating used to protect chemical concrete, steel and other structural materials from non-oxidizing acids and alkalines for both interior and exterior applications.

APPLICATIONS

Typical Uses

- Aisle Ways
- Assembly Plants
- Bakeries
- Basement Floors & Walls
- Block Walls

[Coating Installation Guide](#)

[Coatings Calculator](#)

- Bottling Plants
- Break Rooms
- Cafeterias
- Canning Plants
- Car Washes
- Cells
- Chemical Processing Areas
- Chemical Pump Areas
- Chemical Storage Area
- Church Floors
- Classroom Floors
- Corridors
- Educational Facilities
- Entrances
- Filters
- Food Plants
- Fork Lift Areas
- Health Care Facilities
- Hospitals
- Kennels
- Kitchens
- Laboratories
- Law Enforcement Facilities
- Laundries
- Leveling concrete
- Loading docks
- Locker Rooms
- Machine Shops
- Manufacturing Areas
- Marine Surfaces
- Meat Preparation Areas
- Mortuaries
- Nuclear Plant Floors
- Offices
- Patching concrete
- Photography Processing Areas
- Power Plants
- Printing Plants
- Produce Preparation Areas
- Pools
- Ramps
- Research Facilities
- Rest Rooms
- Restaurants
- Secondary Chemical Containment
- Semiconductor Plants
- Sewer Plants
- Shops
- Shopping Centers
- Shower Rooms
- Stores
- Show Rooms
- Supermarkets
- Tanks

- Veterinary Facilities
- Water Plants
- Warehouses
- & many others

ADVANTAGE

- *Excellent chemical resistance*
- *Strong yet resilient*
- *Built in flexibility*
- *Sprayable*
- *Meets USDA standards*
- *100% Solids - 0.0 lbs VOC*

SURFACE PREPARATION

Surface to receive **Product #2 Chemical Resistant Epoxy Coating** must be clean and sound. Remove all dirt, laitance, grease curing compounds and other foreign matter by sandblasting, or mechanical abrasion. Remove water and dust from all surfaces with an oil free blast immediately prior to application. [See Epoxy.com' Surface Preparation Guide](#) form more details.

MIXING INSTRUCTIONS FOR EPOXY #2

Temperature of **Product #2 Chemical Resistant Epoxy Floor Coating** must be 50° F or above at time of mixing. Stir each component separately before blending. Mix two parts by volume of Part A with one part by volume of Part B for three minutes with a low speed electric drill motor equipped with a mixing paddle.

APPLICATION PROCEDURES FOR EPOXY #2

Epoxy Primer Product [#899](#) (or for a more chemical resistant primer Product [#12](#)) is recommended for concrete surfaces. Apply with a roller, brush, or spray equipment. Two coats are recommended. Thickness per coat should be 7-10 mils. Seven days cure time is required to reach maximum chemical resistance. For more information before installing please see Epoxy.com [installation tips](#) at <https://www.epoxy.com/install.htm>.

LIMITATIONS - CHEMICAL RESISTANT COATING #2

Refer to **Product #2 Chemical Resistance Chart** for field tested results of common industrial chemicals that Product #2 has been exposed to. New concrete should be at least 28 days old. Temperature of substrate must be above 50° F. DO NOT thin.

SAFETY PRECAUTIONS

Prolonged or repeated exposure may cause eye and skin irritation. If contact occurs, wash immediately and seek medical help. Use safety glasses with side shields and wear protective rubber gloves.

CLEANING

All tools and equipment should be cleaned before the system gels. Use MEK, Acetone, or any lacquer solvent.

APPLICATION PROPERTIES at 77° F

Mix Ratio	2:1 By Volume
Viscosity (mixed)	1800 CPS
Pot Life (200 gr.)	40 minutes
Tack Free to Touch	6-8 Hours
Initial Cure	24 Hours
Final Cure	7 Days
Packaging (unit size)	3 gal., 15 gal.
Standard Colors	Black, White, & Colors Listed Below



[Click the picture](#) of color card for a larger version of this picture of the color chart. **Please note:** The picture to the right is a photographic reproduction of the color card for this product. The photo reproduction process and your monitor and/or printer will change these colors. This chart is to give you an idea of the colors available and not intended for critical color selections.

TENSILE PROPERTIES

Tensile Strength (ASTM D-638)	5500 p.s.i. min.
Elongation	10%

Chemical Resistance

See the [Chemical Resistance Chart](#) for Chemical Resistant Epoxy Coating Product #2 set side by side with other commonly used Epoxy.com Coating Systems.

Other customers who visited this page also visited:

- Installation of Epoxy over [Oil Saturated Concrete](#)
- All Purpose Epoxy Coating - [Product #1](#)
- Wall Grade Version of Epoxy.com Product #1 - [Product #1W](#) -
- Chip Flooring System Base coat- [Product #315BC](#) .
- Extremely Chemical Resistant Epoxy Novolac Coating - [Product #633](#) -
- [Chemical Resistant Seamless Epoxy Chip Flooring System](#)
- [Epoxy Coatings Page.](#)

See [Epoxy Coatings Calculator](#) or use the table below

Material Required Per 1000 SF

Good	SF/ Gal	Thickness in Mils	Gallons
1 Coat 899 Primer Pigmented	250	6.4	4
1 Coat of 1 Pigmented	200	8	5
Total		14.4	
Better than Good			
1 Coat 899 Primer Pigmented	250	6.4	4
1 Coat of 1 Pigmented	160	10	6.25
Total		16.4	
Much Better			
1 Coat 899 Primer Clear	250	6.4	4
1 Coat of 1 Pigmented	200	8	5
2nd Coat of 1 Pigmented	200	8	5
Total		22.4	
Best			
1 Coat 899 Primer Clear	250	6.4	4
1 Coat of 1 Pigmented	160	10	6.25
2nd Coat of 1 Pigmented	160	10	6.25
Total		26.4	

Proper mixing and installation is critical to the optimal success of all products. See [Installation Tips](#), [Techdata](#), & [MSDS](#) for more details on our products. Be sure to contact us with any questions and/or concerns that you have.

For more information please contact:

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