



# Epoxy.com Product #2

100% Solids Epoxy Based Chemical Resistant Coating

## GENERAL DESCRIPTION

Epoxy.com Product #2 a two component, **100%** solids 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
- ✦ 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*

## SURFACE PREPARATION

Surface must be clean and sound. Remove all dirt, laitance, grease curing compounds and other foreign matter by sandblasting, or mechanical abrasion. See Epoxy.com Surface Preparation Guide for more details.

## MIXING INSTRUCTIONS

Temperature of Epoxy.com Product #2 must be 50 degrees 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

Epoxy.com Product#899 Primer is recommended for concrete surfaces. Apply Product #2 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

Refer to Epoxy.com 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 degrees 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 DEGREES 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, & standard colors

TENSILE PROPERTIES	
Tensile Strength (ASTM D-638)	5500 p.s.i. min.
Elongation	5%+

**FOR INDUSTRIAL USE ONLY  
KEEP AWAY FROM CHILDREN**

For more information please contact:

Epoxy.com  
**352-489-1666 (Phone)**  
**352-465-3497 (Fax)**  
[info@epoxy.com](mailto:info@epoxy.com)  
[www.epoxy.com](http://www.epoxy.com)

This information is presented in good faith to assist in determining whether this product is suitable for application. No warranty or representation, however, is intended or made, nor is protection from any law or patent to be inferred, and all patent rights reserved. Epoxy.com a division of Epoxy Systems, Inc. warrants its products (when properly stored) for the period of time as follows: Epoxies, Product #315, Product #315BC, and Product #316 one (1) year; Polyesters, Methyl Methacrylates (normal) two (2) months and Polyurethanes Four (4) months; Power Tools and Equipment 90 days; Vinyl Esters, High Molecular Weight Methacrylates (HMMA) and all other resins (not specifically mentioned above) 30 days; hand tools (non-power tools) 30 days. Epoxy.com warrants that its products will be free of manufacturing defects and will be in conformity with published specifications when handled, stored, mixed and applied in accordance with recommendations of Epoxy.com. If any product fails to meet this warranty, the liability of Epoxy.com will be limited to replacement of any non-conforming material if notice of such non-conformity is given to Epoxy.com within the warranty period for the material (as indicated above), or within 1 year of the delivery of materials (whichever is sooner). Epoxy.com may in its discretion refund the price received by Epoxy.com in lieu of replacing the material. No customer, distributor, or representative of Epoxy.com is authorized to change or modify the published specifications of this warranty in any way. No one is authorized to make oral warranties on behalf of Epoxy.com. In order to obtain replacement or refund the customer must provide written notice containing full details of the non-conformity. Epoxy.com reserves the right to inspect the non-conforming material prior to replacement. EXCEPT FOR THE EXPRESSED WARRANTY STATED ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. Epoxy.com'S OBLIGATION SHALL NOT EXTEND BEYOND THE OBLIGATIONS EXPRESSLY UNDERTAKEN ABOVE AND Epoxy.com SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO THE PURCHASER OR ANY THIRD PARTY FOR ANY LOSS, COST, EXPENSE, DAMAGE OR LIABILITY, WHETHER DIRECT OR INDIRECT, OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. All quotes and sales subject to availability.