

# EpoxyAll 100

## Technical Data Sheet



*ConDecor Superstore® provides a premier line of specialty decorative concrete materials. ConDecor Superstore® materials are manufactured for the discriminating installer or designer who values beauty and quality. Specializing in custom colors, specialty products, and superior service, ConDecor Superstore® offers an innovative alternative in the decorative concrete industry.*

### Highlights

- Easy to Use
- Low Odor
- Low Viscosity
- Multi Purpose
- Superior Broadcast Suspension properties
- Super Adhesion
- Excellent Clarity
- Ideal for Decorative, Industrial, Commercial & Residential
- Open to foot traffic in 24 hours
- Fast cure additive available - 12 hours for foot traffic

### Uses

- Manufacturing
- AeroSpace
- Hospitals
- Health Care
- Institutions
- Kitchens
- Veterinary
- Animal Care
- Garage Floor
- Retail
- Residential

### Description

ConDecor EpoxyAll 100 is a two-component low viscosity 100% solids epoxy resin that designed to be used in a wide range of flooring systems. EpoxyAll 100 has been uniquely formulated to be used as a primer, binder resin, or finish coat. EpoxyAll 100 comes in three different versions (regular clear, UVB clear, or pigmented) based on the type of floor system or floor coating being installed. This universal epoxy can be used for decorative flake, metallic floor systems, color quartz broadcast floors, pigmented coatings, pigmented high build self-leveling slurries and heavy-duty mortars. It's unique wetting characteristics and good flow make it easy to apply in a variety of floor systems. Its high pigment load provides for great hide and consistency when being rolled as a coating or used as a base coat for metallic floor systems, decorative flake and color quartz flooring. This one product eliminates the need for multiple products on a jobsite. This allows for less training and fewer mistakes to be made during installation. One product to serve all your epoxy needs and will reduce inventory and material waste from job to job. EpoxyAll 100 will save both time and money on all your resin projects.

### Surface Preparation

Surface preparation is critical for proper adhesion and performance. The surface must be dry, porous, clean, sound and free of grease, oil, curing compounds, dust, mastic and other contaminants or bond breakers.

Determine the substrate Moisture Vapor Emission Rate (MVER) per ASTM F1869 prior to placing EpoxyAll 100. Acceptable substrates have an MVER less than or equal to 3 lbs/1000 sq ft per 24 hours and relative humidity less than or equal to 70% RH. For readings in excess of 3lbs and greater than 70% RH refer to ConDecor Superstore® MVT Tech Data sheet. For readings in excess of 15lbs MVER and 95% RH contact ConDecor Superstore® technical support technician for recommendations.

ConDecor Superstore® utilizes the International Concrete Repair Institute's (ICRI) Concrete Surface Profile (CSP) standards for specifying finished surface roughness prior to applying ConDecor EpoxyAll 100. It is highly recommended to mechanically profile the surface to achieve ICRI Concrete Surface Profile (CSP) 2-4. Upon completion of mechanical preparation, remove all shot, dust, dirt and debris. If acid is used to obtain the surface profile, in lieu of mechanical profiling, the surface must be washed, neutralized and allowed to dry completely for at least 24 hours.

## Packaging

Available in 1.5 gallon kit and 15 gallon kit. The mix ratio is 2 parts A to 1 part B. The 1.5 gallon kit comes prepackaged in this ratio and no parting out is necessary when mixing the full 1.5 gallon kit.

## Mixing

Organize work area so that all personnel and equipment are in place before mixing. Pour part A into a bucket (if pigmented premix for 2 minutes at low speed (less than 500 rpm) then add part B and mix for 2 minutes continuing with low speed to avoid air entrapment. Do not mix more than what can be placed within 30 minutes. **DO NOT HAND MIX.** Ensure that the material from the sides and bottom of the bucket have been thoroughly mixed in. Pot life is 30 minutes at 75 degrees. Pot life with Fast Cure additive is 15 minutes. Pot life and work times are shortened by higher temperatures. Pouring material onto the floor in ribbons immediately after mixing will extend the work time.

## Handling Precautions

For complete instructions on handling and use, consult the corresponding Material Safety Data Sheet before using product. It is the user's responsibility to review instructions and warnings for any ConDecor Superstore® products.

Avoid contact with the skin and use protective equipment as required. Wear protective gloves, protective clothing, eye protection, face protection and appropriate respirator equipment. Use in well ventilated areas. Dispose of contents and containers in accordance to local, state and federal regulations.

## Slip and Fall Precautions

OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slip resistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. ConDecor Superstore® recommends the use of angular slip resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. ConDecor Superstore® or its sales agents will not be responsible for injury incurred in a slip and fall accident.

## Application and Clean Up

ConDecor Superstore® EpoxyAll 100 may be applied by roller, trowel or squeegee. Tools may be cleaned with Xylene, or other solvents prior to material hardening.

## Shelf Life

ConDecor Superstore® EpoxyAll 100 has a 1 year shelf life from date of manufacturing when properly stored in a dry, temperature controlled environment.

## Limitations

- Interior Use Only
- Do not apply to damp concrete
- Should be applied with aggregate fillers where impact or mechanical abuse is anticipated
- Do not apply when ambient temperatures are below 40°F or above 100°F
- Do not apply when relative humidity is above 70%

## Warranty

ConDecor Superstore® EpoxyAll 100 is a proprietary product that is warranted to be of uniform quality within manufacturing tolerances. Since control is not exercised over its use, no warranty, expressed or implied, is made as to the effects of such use. Seller and manufacturer's obligation under this warranty shall be limited to refunding the purchase price of that portion of the material proven to be defective. The user assumes all other risks and liabilities resulting from use of this product. If you have any questions, please contact ConDecor Superstore®.

## First Aid

**EYES:** Flush thoroughly with water, lifting both eyelids. Get immediate medical attention

**SKIN:** Wash with soap and water. If irritation develops seek medical attention.

**INGESTION:** Do not induce vomiting. Get immediate medical attention.

**INHALATION:** Remove to fresh air immediately. If breathing difficulty continues, administer oxygen. Get immediate medical attention.

## Technical Data

### Material Properties at 75°F

Mixed VOC Content:	0g/L
Mix Ratio (by volume):	2:1
Tack Free Time:	6-8 hours
Recoat Time (min/max):	8hrs./24hrs
Light Foot Traffic:	24 hours
Vehicular Traffic:	96 hours
ASTM D-570 Water Absorption (24 hrs.):	<0.5%
ASTM D-635 Flammability:	Self-Extinguishing
ASTM D-638 Tensile Strength psi	4,500psi – 5,200psi
ASTM D-638 Tensile Elongation %:	6%-8%
ASTM D-695 Compressive Strength	
@ 24Hrs:	7.500
@ 7 Days:	9,800
ASTM C-722 Monolithic Surfacing:	Pass
ASTM D-2794 Impact Resistance:	Pass
ASTM D 4060 Abrasion Resistance (CS-17):	36mg
ASTM D 4366 Konig Hardness	120

\*EPA Method 24 – Floor Covering

03/21



For complete information on all ConDecor Superstore® products, including product information catalogs, product brochures, color charts, technical specifications, sales aids and more—contact ConDecor Superstore.

ConDecor Superstore  
E Nakoma St #100, San Antonio, TX  
78216  
P: 210.541.1445  
[www.condecorsuperstore.com](http://www.condecorsuperstore.com)