

PRODUCT DESCRIPTION

APF Epoxy 400 Wall Coating (WC) is a medium viscosity, 100% solids product used in a variety of wall rendering applications. APF EPOXY 400 WC provides an outstanding balance of physical strength, flexibility, and chemical resistance. The pigmented material features high pigment loading for excellent substrate hide and color consistency when roller applied.

APF EPOXY 400 WC is a medium viscosity product for improved flow and handling at lower temperatures and excellent application qualities.

APF EPOXY 400 WC is a high-performance wall coating system that provides a seamless, high gloss, durable and easy-to-clean wall surface. It's installed at 12-16 mils dry film thickness, permits a variety of topcoats depending on the application.

USES

- Biomedical
- Pharmaceutical
- Food & Beverage
- Commercial Kitchens
- Health Care & Institutional
- Veterinary/Animal Care

ADVANTAGES

- Can be used with Fiberglass reinforcement
- Better workability as a wall coating
- 100% solids

COLORS

White, Slate, Buff, Delta Fog & Sterling

PACKAGING

Supplied in complete A+B 1.5 gallon (5.68 L), 15 gallon (56.8 L). Mix ratio 2A : 1B

CONCRETE MOISTURE

It is the applicators responsibility to test for concrete moisture in accordance with ASTM F2170-19. If moisture is indicated to be in excess of 85%, apply APF VaporSolve system in accordance with the published system data sheet. Consult APF Technical Service for further information.

TECHNICAL DATA

Mixing Ratio by Volume	2A : 1B
VOC Pigmented	<50 g/l
Solids Content, by Volume	100%
Hardness, Shore D ASTM D-2240	78
Tensile Strength (ASTM D-638)	6,230
Ultimate Elongation, (ASTM D-638)	11%
Compressive Strength, (ASTM D-695)	19,501 psi
Flexural Strength, psi (ASTM D-790)	9,680 psi
Bond Strength to Concrete (ASTM D-4541)	>400 psi, concrete fails
Cure Time (77°F)	
Pot Life/Working Time	~20 Minutes
Dry to Touch	~8 Hours
Recoat	~12 - 24 Hours
Full Cure	~7 Days

Higher temperature and lower humidity will shorten cure time.
Lower temperatures and higher humidity will increase cure time.

If 24 hour recoat window exceeded, substrate recoat preparation required.

SURFACE PREPARATION

Surface must be clean, dry and free of all oil and grease. Masonry: Level any surface projections and mortar spatter by grinding, stoning or scraping. Drywall: Drywall must be finished to a level #4 - #5 finish.

MIXING

Pre-pigmented: Thoroughly pre-mix Part A before adding to Part B. Combine components and mix for 2-3 minutes using slow speed drill, scraping the bottom and sides of the mixing container. It is important to NOT whip air into the material while mixing. Material cannot be properly mixed by hand.

APPLICATION

Apply material onto surface immediately after mixing with a squeegee, back roll with using a quality solvent resistant 3/8-inch nap roller cover. Apply at a rate of 200 sqft/gallon at 8 mils WFT. A "wet edge" is recommended when applying product, do not attempt to roll over material that has begun to set. An applicator wearing spiked shoes will back roll the wet material using a quality solvent resistant 3/8-inch nap roller cover to distribute the material uniformly.

Apply a second coat, if necessary, within 24 hour recoat window. If the recoat window is exceeded, the surface must be abraded with 80-100 grit to a uniform gloss free and dust free texture prior to recoat.

LIMITATIONS

- Before applying, measure and ensure that the ambient temperature is at least 5°F above the dew point.
- High humidity/low temperature will prolong cure time
- Use of kerosene or propane forced air heating equipment during application may cause discoloration and finish defects.

SHELF LIFE

Part A: Pigmented: 12 months at 50-85°F { 10-30°C}

Part B: 12 months at 50-85°F { 10-30°C}

*When kept at recommended storage conditions and in original unopened containers. DO NOT ALLOW TO FREEZE. Frozen material is unusable and must be properly disposed of.

HANDLING, SAFETY & STORAGE

- Avoid contact with skin; wear protective gloves. Application personnel must read and fully understand product Safety Data Sheet before using. APF Safety Data Sheets are available at www.apfepoxy.com.
- Store away from heat sources. Store between 50°F and 85°F (10°C-30°C). DO NOT FREEZE. Frozen material is unusable and must be properly disposed of.

APF Epoxy 400 WC PDS_07.21.25

STANDARD WARRANTY STATEMENT

ICP Construction, Inc. ("we" "us" or "our"), manufacturer of Arizona Polymer Flooring, warrants that the product is produced within specifications and is free from defects in material only. No warranty shall be in effect until our Terms and Conditions of Sales (<https://www.icpgroup.com/wp-content/uploads/ICP-Group-Terms-and-Conditions-of-Sale.pdf>) are met, including payment and cooperative promotional considerations. We warrant that the covered product is free of defects in material only and suitable for the specified purpose for a period of one (1) year from the date of shipment, provided the product is (a) installed within its published shelf life, in strict conformance with specifications, and (b) handled, stored, mixed, and applied in accordance with our written instructions. It is your responsibility to initiate any claim against this warranty within the time frame specified below. If we determine that the product meets the requirements of this warranty, then we will, at our sole discretion, either refund the purchase price of the product or provide replacement product, in each case not to exceed the affected area as determined by our authorized technical representative. To obtain replacement or refund you must (a) provide timely written notice to us specifying in detail the non-conformity suspected (no later than five (5) working days after discovery), and (b) provide proof of purchase. We reserve the right to inspect the product prior to replacement. EXCEPT FOR THE EXPRESS WARRANTY ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. IN NO EVENT SHALL WE OR OUR AFFILIATES BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY NATURE, REGARDLESS OF THE FORM OF ACTION OR THEORY OF LAW, INCLUDING, WITHOUT LIMITATION, BREACH OF ANY OBLIGATION OR WARRANTY IMPOSED ON US HEREUNDER OR IN CONNECTION HERewith, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES IN ADVANCE AND EVEN IF A REMEDY SET FORTH HEREIN IS FOUND TO HAVE FAILED OF ITS ESSENTIAL PURPOSE. "CONSEQUENTIAL DAMAGES" SHALL INCLUDE, WITHOUT LIMITATION, LOSS OF USE, INCOME, OR PROFIT, OR LOSSES SUSTAINED AS THE RESULT OF INJURY TO ANY PERSON, OR LOSS OF OR DAMAGE TO ANY PROPERTY (INCLUDING, WITHOUT LIMITATION, PROPERTY HANDLED OR PROCESSED THROUGH THE USE OF THE PRODUCTS), DAMAGES OR LOSSES RESULTING FROM CLAIMS OF OTHER PERSONS AGAINST YOU, OR DAMAGES OR LOSSES SUSTAINED AS THE RESULT OF WORK STOPPAGE, OR REMOVAL AND REPLACEMENT COSTS AND COSTS OF LABOR. IN NO EVENT SHALL OUR LIABILITY ARISING IN CONNECTION WITH OR UNDER THIS WARRANTY (REGARDLESS OF THE FORM OF ACTION OR THEORY OF LAW) EXCEED THE AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT ONLY. THIS LIMITED WARRANTY PROVIDES YOUR EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT. If you do not agree with these terms, you may return the product within thirty (30) days of purchase for a full refund, provided the product is not opened, altered, or adulterated in any manner, less any shipping and handling charges of any sort. Use of the product, or retention of the product beyond thirty (30) days, constitutes your acceptance of this limited and exclusive warranty. No customer, distributor, or representative of ours is authorized to change or modify the published data sheets or this warranty in any way. No one is authorized to make oral warranties on behalf of us.