



TECHNICAL DATA SHEET

Max-Bond 157

FAST DRY WATERBORNE EPOXY COATING

PRODUCT DESCRIPTION

Max-Bond 157 Waterborne Epoxy Coating is a two component, water-based epoxy coating that provides excellent adhesion to concrete and masonry surfaces with exceptional solvent and abrasion resistance associated with foot and vehicular traffic. **Max-Bond 157 Coating** can be applied over aged alkyds, epoxy esters, and epoxy primer coatings. **Bond strength of this coating over existing coatings should be determined by pre-testing.** **Max-Bond 157 Coating** has outstanding adhesion and penetration of new and aged concrete surfaces which make it an excellent primer as well as interior topcoat. **Max-Bond 157 Coating** is designed for exterior and interior surfaces such as concrete, garage floors, warehouse floors, carports, driveways, polymer modified pool decking, patios, sidewalks, etc. **Max-Bond 157 Coating** can be thinned with water to provide better flow and penetration if required.

Max-Bond 157 Coating is available clear, white, 24 standard colors and can be custom tinted.

- Adheres to damp concrete
- Stain Resistant
- Chemical Resistant
- Easy Application
- Excellent Durability
- Excellent Adhesion

USES:

- Concrete Flooring
- Garage Flooring
- Pool Decking
- Driveways
- Patios
- Sidewalks

PHYSICAL PROPERTIES

Colors	Clear, White & 24 Standard Colors
Finish	Gloss
Vehicle	Polyamine Adduct Epoxy
Thinner / Reducer	Water
Weight Solids (Mixed A + B)	55% +/- 2
Volatile Organic Solvent	Less than 50 g/l (with colorant)
Weight / Gallon	10.5 lbs/gal.
Standard Coverage (Mixed)	250 ft ² / gal. 3.5 mil DFT per coat 2 coats gives 7.0 mil finish DFT
Gloss @ 60 deg	90+
Viscosity (Kreb Units)	90 K.U. Mixed
Re-Coat and Cure Times (50 F & 50% Rel. Humidity.)	Usable Pot Life: 1 – 2 hours Re-Coat: 2 hours
Re-Coat and Cure Times (77 F & 50% Rel. Humidity.)	Usable Pot Life: 1.5 – 2 hours To Recoat: 1 hour
Re-Coat and Cure Times (100 F & 50% Rel. Humidity.)	Usable Pot Life: 45 min Re-Coat: ½ hour

SHELF LIFE:

Six months when stored at an ambient temperature of 77° Fahrenheit at 30% relative humidity. DO NOT ALLOW TO FREEZE.

CHEMICAL RESISTANCE: 24 Hour Exposure, Spot Test

Coffee	No effect
Gasoline	No effect
Brake Fluid	No effect
28% Ammonia	No effect
10% Acetic Acid	No effect
10% Hydrochloric Acid	No effect

DISTRIBUTORS OF DECORATIVE AND PROTECTIVE CONCRETE COATING SYSTEMS

1402B North 26th Ave. Phoenix, AZ 85009 (T)602-455-9200 (F) 602-455-9090
Website: www.technicalcoatingsusa.com E-Mail info@technicalcoatingsusa.com



TECHNICAL DATA SHEET

Max-Bond 157

FAST DRY WATERBORNE EPOXY COATING

PACKAGING:

1.25 gallon kits = 1 gallon Part A & 1 quart Part B
5 gallon kits = 4 gallons Part A & 1 gallon Part B
25 gallon kits = 4 – 5 gallon pails Part A & 1 – 5 gallon pail Part B

SURFACE PREPARATION:

Surfaces should be clean and free from contamination by dirt, oils, waxes, chalking, bacteria, cleaning, curing, and etching agents, neutralizing agents, loose or peeling coatings, to ensure proper adhesion to the substrate. A moisture vapor emissions test is recommended. Proper evaluation of the substrate to determine the appropriate preparation needed to apply this coating is the sole responsibility of the applicator. The following information is given as a guide. When acid etching use a solution of muratic acid (hydrochloric acid) mixed at 4 parts acid to 1 part water. Scrub acid with slow speed floor scrubber or stiff broom. Follow the acid etching with an ammonia neutralizing wash at 8 parts water and 1 part ammonia. For best results power wash with a minimum of 3000psi to ensure maximum bond to the substrate. When applying over existing coatings surfaces should be sanded with 60-80 grit sand disc or equivalently abraded prior to coating or re-coating.

APPLICATION:

Always mix with uncontaminated stir sticks or paddles. Premix both components before mixing together. Mix ratio is 4 parts A to 1 part B. Mix 1 part of 157x part B into 4 parts 157p part A stir well for 5 - 10 minutes until material is completely mixed. If thinning is needed ½ part water can be added safely. Apply with brush, roller, or conventional spray. Two thin coats are recommended when this coating is to be used as a stand-alone topcoat, one coat when use as a primer. The second coat should be applied in no longer than 24 hours after the first coat. Do not apply coating unless substrate temperature is 50° F and rising or 100° F and falling. Clean over-spray with water. Can be thinned 1 pint to 1 quart of water per gallon. Dispose of all waste in accordance with local state and federal organizations.

KEEP OUT OF THE REACH OF CHILDREN.

This material is combustible keep away from flames.

Do not take internally. Immediately wash hands or any part of your body, which comes into, contact with this product. Wear appropriate protective equipment. Avoid breathing vapor, mist or fumes. Use appropriate respirator for solvent systems and use only in well ventilated areas. Do not use in tank or pit without proper protection. Use product in accordance with this product data sheet, any variance voids all warranties and liabilities.

Read Material Safety Data Sheet before use of this product.

IMPORTANT NOTICE TO PURCHASER:

The information contained in this document is furnished without warranty, representation, inducement or license of any kind, except that it is accurate to the best of TCC Sales & Service, LLC. knowledge obtained from sources believed by TCC Sales & Service, LLC. to be accurate. TCC Sales & Service, LLC. does not assume any legal responsibility for use or reliance upon the information contained in this document. Qualified professionals must perform all product testing and applications. Before using any chemical product, read its Material Safety Data Sheet.

WARRANTY

This product is warranted to be free of defect to the original purchaser. Any unused product proven to be defective must be returned to the seller for replacement. Any warranty of this product is limited to the replacement of any purchased product that has been paid for in full and been shown to be defective. The seller or manufacturers only obligation shall be to replace such quantity of the product proven to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct, incidental or consequential, arising out of the use of or misuse of this product. Before using this product the applicator shall determine the suitability of this product for the intended use and the applicator assumes all liability whatsoever in connection therewith.

Technical Data Sheet Max-Bond 157(R)12-12.doc

DISTRIBUTORS OF DECORATIVE AND PROTECTIVE CONCRETE COATING SYSTEMS

1402B North 26th Ave. Phoenix, AZ 85009 (T)602-455-9200 (F) 602-455-9090
Website: www.technicalcoatingsusa.com E-Mail info@technicalcoatingsusa.com