

**Kalenborn Abresist introduces the KALPOXY®
Family of Corrosion Resistant Coatings**

100% Solids High Build Epoxy Coatings



Kalenborn
Wear Protection Solutions

KALPOXY® Family of 100% Solids Corrosion Resistant Coatings Reinforced with Kevlar®* for durable finish

KALPOXY 560

Solvent free formulation which is able to displace water in order to make a permanent bond to all substrates with minimal substrate preparation.

- Anti-Corrosive – splash zone above or below water
- Encapsulating Coating – smooth dense, coating for steel and concrete surfaces
- Fast cure, high build, low coefficient of friction
- Heated spray applied utilizing plural component spray equipment

Applications:

- Tanks Linings
- Exterior Pipe Linings
- Concrete Restoration - Flooring
- Concrete Pillar Restoration
- Structural Steel Rehabilitation



KALPOXY 290

Same as our 560 product but designed for application with roller, brush or conventional spray equipment. Complete with UV protective additive to eliminate chalking.

KALPOXY 255

Formulation designed for tough Corrosive/Errosive Conditions. Exposure to water or high humidity during curing has no adverse affect on coating. Available in formulations for spray or Roller/Trowel applications.

- Anti-Corrosive Coating
- Heavy-duty linings in heat exchange equipment and on steel exposed to chemical or physical attack
- Industrial Maintenance – Heavy duty lining for steel and concrete where extreme resistance to aggressive chemicals such as 50% caustic soda or 98% sulfuric acid is required

Applications:

- Tank Farm Containment areas – Concrete Rehabilitation
- Secondary Containment Piping and Structural Steel
- Secondary Containment Sumps and Drain Troughs
- Acid Tanks



KALPOXY 254

Solvent free formulation able to displace water from wet surfaces in order to make a permanent bond. Ensures safety and maximum technical performance under the most adverse conditions including exposure to most industrial chemicals such as acids, alkalis and hydrocarbons. A heavy loading of ultra-hard ceramic microspheres assures excellent abrasion resistance.

- Excellent abrasion resistance
- Uniquely field-friendly
- Uses advanced low toxicity ingredients

Applications:

- Marine and Industrial “heavy duty” applications
- Chemical & Wastewater Plants - Pump interiors and piping handling slurries
- Wastewater - Reinforcing, smoothing and protecting worn concrete damaged by exposure to chemical or municipal waste streams



*Kevlar is a registered trademark of E.I. DuPont de Nemours Co.

KALPOXY 565

Same as our 258 product but the formulation is uniquely field-friendly, non-hazmat and supplied in the most preferred 1/1 by volume mixing ratio. Uses advanced low toxicity ingredients in a high build brushable/rollable product.

Applications:

- Harsh chemical service such as piping, tank internals, clarifiers, wastewater treatment concrete and steel surfaces, brine tanks.
- Smooth, dense, easily decontaminated coating for steel and concrete.
- General service in aggressive exposures including high abrasion.



KALPOXY 258

Based on a unique blend of liquid epoxy polymer and aliphatic polyamine curing agents, which is able to displace water from wet surfaces in order to make a permanent bond. The formulation is solvent-free to ensure safety and maximum technical performance.

- Provides permanent protection under the most adverse conditions including exposure to most industrial chemicals such as acids, alkalis, and hydrocarbons.
- Uniquely field-friendly and uses advanced low toxicity ingredients.

Applications:

- Marine and Industrial “heavy duty” applications
- Wastewater - Reinforcing, smoothing and protecting worn concrete damaged by exposure to chemical or municipal waste streams



KALPOXY 568

Based on a unique blend of liquid epoxy polymer, toughening resins and aliphatic polyamine curing agents and is able to displace water from wet surfaces in order to make a permanent bond. The formulation is solvent-free to ensure safety and maximum technical performance – even underwater!

Applications:

- For structural steel and galvanized surfaces in atmospheric service.
- Can be applied over all types of tightly adherent existing coatings as well as to bare steel or galvanizing.

KALPOXY 595

Low Friction, super tough, solvent-free epoxy coating, when cured it is hard but flexible. Formulation promotes sliding with no contamination. Suitable for covering concrete and steel surfaces and uniquely designed to be abrasion and impact resistant.

- Coating designed for applications where resistance to aggressive chemicals is needed together with ability to resist impact and harsh abrasion damage.

Applications:

- Coal Bunkers
- Flash Ash Silos
- Surge Bins
- Transfer Chutes
- Dust Collectors
- Flumes and Launderers
- Ductwork

KALPOXY Almond 2001

Aliphatic polyamine cured liquid epoxy polymer “nuclear quality” coating. Self-priming and approved for some Service Level 1 nuclear applications. This solvent-free formula has been optimized for application by plural component airless spray above water.

- Anticorrosive coating designed for safety related applications in nuclear power plants requiring a field-friendly, low odor coating for long-term steel protection in wet and dry well and other service. Designed and tested for dry application with service under both immersed and non-immersed conditions.

Applications:

- Nuclear Power Plants - Service Level 1 Steel Protection

KALPOXY® Coatings Guide

	Steel Surfaces	Concrete Surfaces	Maximum Operating Temp.	Brushable/ Rollable	Sprayable	Moisture Tolerant (Cure Under Water)	Surface Prep Required
KALPOXY 560	•	•	180° F	•	•	•	SSPC-SP3
KALPOXY 290	•	•	180° F	•	•	•	SSPC-SP3
KALPOXY 255	•	•	180° F	•	•	•	SSPC-SP6
KALPOXY 254	•	•	180° F	•	•	•	SSPC-SP6
KALPOXY 258	•	•	180° F	•	•	•	SSPC-SP2
KALPOXY 565	•	•	180° F	•	•	•	SSPC-SP3
KALPOXY 568	•	•	180° F	•	•	•	SSPC-SP3
KALPOXY 595	•	•	180° F	•	•	•	SSPC-SP6
KALPOXY Almond 2001	•	•	400° F	•	•	•	SSPC-SP6

KALFIX® Family of Adhesives

KALFIX 911

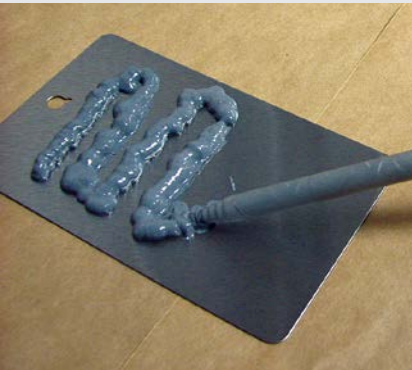
"5-Minute" epoxy filler with extreme adhesion even to underwater surfaces. Used primarily as a pressure-transfer filler under high pressure pipeline repair composites.

KALFIX 913

Longer pot life version of 911. "15-Minute" epoxy filler with extreme adhesion even to underwater surfaces. Supplied in a standard white base, which is mixed with an equal volume of gray curing agent to yield a lighter gray when thoroughly mixed. The formula is uniquely field-friendly using advanced low toxicity ingredients and can be shipped "Non-Regulated" by USDOT, IATA and IMO.

KALFIX 911 & 913 Applications:

- Fiberglass Repairs: Use with fiberglass tape for patching and reinforcing.
- Repair Compound: Patching, leak sealing etc. under all conditions.
- Adhesive: Excellent all purpose adhesive for use above and below water.



KALFIX 563

"45-Minute" curing version of KALPOXY 560 for pipeline coating or cold weather use.

Applications:

- Anticorrosive Coating: Splash zone, excellent abrasion resistance above or below water.
- Repair Compound: Patching, leak sealing etc. above and below water. Adhesive: Excellent all purpose adhesive for use above and below water.
- Field Joint Compound: Rapid curing, surface tolerant and excellent cathodic disbondment properties.
- Encapsulating Coating: Smooth, dense, easily decontaminated coating for steel and concrete.
- Wastewater: Reinforces, smooths and protects concrete exposed to chemical or municipal waste.

KALFIX 206

Combination liquid epoxy resin and a special high temperature curing agent. Although this epoxy has a high heat distortion, is still cures to a hard and dust-free condition at normal temperatures.

Applications:

- High temperature resin for crack filling and composite production.



Kalenborn Abresist Corporation

5541 N. State Hwy 13, Urbana, IN 46990
Phone: 260-774-3327 • Toll Free: 888-348-0717
www.abresist.com

7070 – January 2016 © Kalenborn Abresist



Kalenborn

Wear Protection Solutions