



# ReflectASeal

Epoxy Coatings & Waterproofing Systems

## REFLECTASEAL-425 Protective Coating

### Description:

ReflectASeal-425 is an 80 % solids epoxy resin polyamide coating formulated for continuous submersion underwater.

### Application Areas:

ReflectASeal-425 is a self priming protective epoxy coating designed for adhering to almost any clean surface including, metals of all types, concrete, masonry, plaster, and other surfaces. ReflectASeal-425 is used in commercial and industrial surroundings.

### Preparation:

Surfaces must be cleaned free of rust, mill scale, grease, oil, paint, algae, or any other film forming foreign material., Optimum performance and adhesion is obtained if the surface is dry and a profile is created. The preparation procedures above are general guidelines. Consult ReflectASeal technicians for further details or special preparation procedures. The preparation procedures above are general guidelines. Detailed preparation methods are available through SSPC at [www.sspc.org](http://www.sspc.org) or 412-281-2331 or NACE at [www.nace.org](http://www.nace.org) or 281-228-6400.

### Mixing:

*The mixing of parts A & B is very important!* ReflectASeal-425 has a mixing ratio of 1 part "B" to 1 part "A". Agitate each part separately before combining the two. Pour a measured amount of Part B into a clean container large enough to hold both components. Add an equal volume of Part A to Part B while under agitation. Continue agitation until the two components are thoroughly mixed for at least 1 minute per gallon. Allow idle activation time for at least 10 minutes. Lacquer Thinner should only be added after the activation process is complete.

### Thinner:

Thin with Lacquer thinner for air spray applications, thin up to 10% or 3/4 pint per gallon. For airless spray, roller or brush, thin up to 5% or 1/4 pint per gallon.

### Application

Brush, 3/8" nap roller cover, or airless spray equipment may be used to apply ReflectASeal-425. Surface configuration, weather, or area surroundings will dictate application method.

### DRY FILM APPLICATION

To get dry film of:	Apply Sq.Ft./gal
5 mils	200 sq. ft.
10 mils	100 sq. ft.

**DO NOT** apply product heavier than 1 gal. per 200 sq. ft. per coat. For a heavier dry film, apply necessary number of coats. Use of thinner increases possibility of sag and reduces dry film thickness.

### General:

ReflectASeal-425 should be applied in well-ventilated areas. Surfaces should be free of foreign matter. **DO NOT** apply product near an open flame.



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**Clean Up:**

Application equipment should be cleaned immediately with Lacquer Thinner. Use White Vinegar to clean hands and skin. **Do not allow ReflectASeal-425 to remain on tools! Once it sets and is cured, it is difficult to remove.**

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**Flammability:** Flammable during application. Does not support combustion when cured.

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**Curing Time:**

Pot Life:	1.5 hrs @ 80°F
Drying Time:	4 hrs @ 80°F
Total Cure:	7 days @ 80°F

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**Packaging:**2-gallon units:

1 gal. can full containing Base	(part "B")
1 gal. can full, containing Activator	(part "A")

10-gallon units:

5 gal pail containing 5 gals of Base	(part "B")
5 gal pail containing 5 gals of Activator	(part "A")

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**Colors:** ReflectASeal Standard Colors (White, Tan, Gray)

**Solids Content:** 80% Solids

**Mixing Ratio:** 1 Part B to 1 Part A (1:1)

**Adhesion-Pull-Off (D4541):**

Concrete: 100 % substrate failure @ 1375 psi  
Steel: 80% adhesive failure @ 2483 psi

**Food Contact:** FDA 21-CFR 175.300 compliant

MSDS are available for health and safety data.

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For emergency information contact:

**CHEMTREC @ 1-800-424-9300**

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**Safety:**

This product (and any recommended thinner) contains solvents and/or chemical ingredients. Adequate health and safety precautions should be observed during storage, handling, use, and drying periods. For safe usage, user is specifically directed to consult the current Material Safety Data Sheet for this product. When using this product in a confined space or closed area, consult the OSHA or ANSI bulletins on safety requirements.

The information as set forth in the technical data contained herein has been developed based on test and evaluations made by

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ReflectASeal, LLC for standard coating applications. We believe this information is the best currently available on the subject. We make no guarantee of results and assume no obligation or liability in connection with this information. It is offered as possible helpful suggestion, any experimentation you may care to undertake along these lines, is at your own risk. You should test the coating material to determine if it is suitable for the application intended. It is supplied on the condition that you shall make your own tests to determine its suitability. ReflectASeal, LLC shall have no liability for incidental or consequential damages, indirect or direct. Our liability is limited to the net selling price of the purchased product(s) or the replacement of our product, at our option.