



ReflectASeal

Epoxy Coatings & Waterproofing Systems

REFLECTASEAL-405

Description:

REFLECTASEAL-405 is a flexible two-part epoxy designed to protect a variety of vertical and horizontal surfaces, including stucco, concrete, cinder block, brick, stone, wood, and others. It is especially suited to applications where surface movement may defeat the protection of a rigid coating.

Advantages & Benefits

Designed for vertical and horizontal application.
Adheres to damp surfaces without priming.
Stays flexible through years of harsh service.
Withstands attacks from most chemicals,
and severe environments.
Retains flexibility in sub zero conditions.
Rain will not destroy coating during application.
Provides a secure barrier to water penetration.

Preparation:

Surfaces must be cleaned free of grease, oil, films, dust, or any other contaminants. Most surfaces should be pressure washed to remove any barrier films. Hard-finished concrete should be etched to provide profile or "tooth" for optimal adhesion. These preparation procedures 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 or 412-281-2331 or NACE at www.nace.org or 281-228-6200.

Mixing:

The mixing of parts A & B is very important! REFLECTASEAL-405 has a mixing ratio of 2 parts "B" to 1 part "A". Agitate each part separately before combining the two. Use a power mixer to thoroughly combine both parts. Mix 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.

Application:

REFLECTASEAL-405 can be applied by air-less spray equipment, brush, or roller at approximately 200-sq. ft. per gallon. A two-coat application is recommended to help insure complete protection. Surfaces subject to significant movement or other difficult conditions may require heavier applications. Surface configuration, weather, or area surroundings may dictate application method.

Dry Film Application Rate:

To yield dry film of	Apply Sq. Ft/gallon
12.5 mils:	100 Sq. Ft.
6.25 mils:	200 Sq. Ft.

DO NOT apply product heavier than 8 wet mils per coat. If more is needed, apply in multiple coats. Allow REFLECTASEAL-405 to become tack-free before applying additional coats or approximately 5 hrs at 80°F.

Thinner:

If thinning is necessary, thin no more than 3/4 pint of lacquer thinner per gallon of epoxy. Lacquer thinner should only be added after activation process is complete. Thinning retards cure time and may cause sag.

General:

REFLECTASEAL-405 should be applied in well-ventilated areas. Surfaces should be free of foreign matter. DO NOT apply near an open flame.

Clean Up:

Application equipment should be cleaned immediately with lacquer thinner. Use Apple Cider Vinegar to clean hands and skin. Do not allow coating to remain on tools! Once it sets and is cured, it is difficult to remove.

Flammability:

Flammable during application
Will not support combustion when cured

Packaging:

3-gallon units: 14.5 lbs/gal

2 gals cans full, containing Base (part "B")
1 gal can full, containing Activator (part "A")

15-gallon units: 14.5 lbs/gal

2-5 gal. pails full containing Base (part "B")
1-5 gal. pail full containing Activator (part "A")

Color: REFLECTASEAL Standard Colors (White, Tan and Grey)

Solids Content: 83% Solids

Mixing Ratio: 2 Parts "B" to 1 part "A" (2:1)

Curing Time:

Pot Life-	1.5hrs	@ 80°F
Drying Time-	5hrs	@ 80°F
Complete -	7days	@ 80°F

For further assistance, contact one of our technicians via phone or e-mail.

For emergency information contact:
CHEMTREC @ 1-800-424-9300

Safety:

This product (and any recommended thinners) 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 REFLECTASEAL, LLC for standard coating applications. We believe this information is the best currently available on the subject. It is offered as possible helpful suggestion, any experimentation you may care to undertake along these lines, is at your own risk. Application guidelines must be followed to receive warranty.

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.