



REFLECTASEAL-300

Description:

REFLECTASEAL-300 is a polyamide, two-component epoxy base sealant. This compound chemically cures into an elastic and flexible body which will not dry out or harden after curing (**caulking compound**). It does not oxidize or absorb moisture.

Application Areas:

REFLECTASEAL-300 is an interior or exterior water tight joint sealant for curtain walls, prefab panels, roofs, flashing, coping, and air ducts. It can also be used between similar and dissimilar materials, vertical, and/or horizontal joint work. **REFLECTASEAL-300 can also be applied on to wet surfaces and if necessary can cure underwater.**

Features:

REFLECTASEAL-300 has excellent adhesion to all types of metal, concrete, asphalt, wood, and also suitable for a variety of other untested surfaces. REFLECTASEAL-300 is non-staining on masonry surfaces, and no primer is required. REFLECTASEAL-300 has been tested at 200% elongation, and remained still very flexible. The product is also very resilient at low temperatures, and has been tested in boiling water for up to 8 hours. REFLECTASEAL-300 can also be painted over.

Resistance:

REFLECTASEAL-300 is unaffected by jet fuel, gasoline, oil, water caustics, most acids, oil derivatives, and hydrocarbons. For unusual exposures, consult your REFLECTASEAL manufacturer.

Preparation:

Joint surfaces should be free from all grease, oil, dirt, and other contaminants. Remove all scaling paint, loose or heavy chalk, or other contaminants. Concrete expansion joints should have each side mechanically abraded for optimal adhesion. This can be accomplished with a masonry or diamond blade mounted on a circular saw or grinder.

Mixing:

The mixing of Part A and B is very important! REFLECTASEAL-300 has a mixing ratio of 4 parts "B" to 1 part "A" (4:1). Use a power mixer to thoroughly combine both parts. Mix for at least 5 minutes. Allow idle activation time for at least 10 minutes.

Applications:

REFLECTASEAL-300 can be applied using; a paint brush, spatula or a putty knife. Material can be finished with wet hands or tools. **Do not apply near an open flame.**

Clean Up:

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

Packaging:

1 Gal unit
1 Gal can contains 4 parts of base
(Part "B")
1 Qt can contains 1 part activator
(Part "A")

5 Gal unit
6 Gal can containing 4 parts of base
(Part "B")
1 Gal can contains 1 part activator
(Part "A")

Colors: REFLECTASEAL standard colors

Physical contents:

Solids - % by weight - 90%

Mixing Ratio:

4 Parts "B" to 1 Part "A" (4:1)

Curing Time:

Pot Life - 1-1/2 hrs @ 80 °F
Drying Time - 12 hrs @ 80 °F
Complete - 7 days @ 80 °F

Adhesion-Pull-Off (D4541)

Concrete: 100% adhesion failure @ 1052 psi

Flexibility (D522)

No cracking or failure

Flammability:

Flammable during application. Does not support combustion when cured.

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

MSDS are available for health and safety data.

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. 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 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.