

PROTECRETE®

CONCRETE'S BEST SOLUTION

1. Product:

RADIANCE

2. Manufacturer:

Applied Concrete Technology, Inc.
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3. Description/Basic Use:

Description: RADIANCE is a white liquid dispersion designed to impart surface film protection as well as surface repellancy to water and other liquids for a wide variety of surfaces, i.e., concrete, stone, brick and more. RADIANCE is an aqueous coating that works by forming a tough insoluble waterproofing film, complete with water repellent characteristics, within a 24-hour period following its application to a compatible material's surface.

Basic Use: RADIANCE is a highly attractive yet extremely durable coating. It was created specifically for today's decorative concrete market and is also suitable for "dressing up" plain, grey concrete by giving it an attractive sheen. It is similar to PROTECRETE Redeemer, in that it provides a tough membrane coating, yet has PROTECRETE Repeller's highly desirable feature of making surfaces more stain resistant. (See product information sheets for more information about Redeemer or Repeller.)

RADIANCE helps to maintain cleaner surfaces and preserve the original appearance of the treated surface for much longer periods of time, with little or no effort between cleanings. RADIANCE prevents the penetration of dirty water, liquids and other contaminants into treated surfaces. RADIANCE also eliminates efflorescence while imparting significant additional resistance against freeze-thaw damage, such as cracking, spalling, etc. RADIANCE bridges cracks, enhances surface traction quality and is odorless, safe and nonflammable.

3. Technical Data:

Physical: Liquid
Color: Milky white
Odor: None
Specific Gravity: 1.04
Weight Per Gallon:
Boiling Point:
pH Range: 7-8
Solvent: Water
Shelf Life: One year
Store At: 50°F to 85°F
Flash Point:
Flammability: None
Environmentally: Safe
User: Friendly
Hazardous Vapors: None
Disposal: Non-Hazardous Material
Toxicity:
Freeze Harm: Possible
Freeze Temperature: 32°F
Clean Equipment: Soap and Water
UV Resistance: Excellent
VOC/VOS Compliant: Yes
Composition: Aqueous acrylate dispersion

4. Installation Directions:

Note: Always start with a clean, bare surface. Remove all dirt and buildups.

- a. Using a paint roller, apply evenly at the rate of about 300 square feet per gallon, depending on porosity, etc.
- b. Allow at least 24 hours to dry thoroughly. May require more drying time in high traffic areas. Consult manufacturer.

5. Application Precautions:

- a. Protect areas not intended for coverage as product is very difficult to remove later. RADIANCE will damage or kill vegetation and may stain or etch glass or plastic. If contact occurs, wash immediately with water.
- b. Do not apply when ambient temperature drops below 55°F.
- c. RADIANCE will adhere to the first surface it meets, including dirt. If product adheres to dirt, it will peel up. If this occurs, peel away product, clean surface, and reapply.
- d. RADIANCE must be applied in a thin layer; otherwise the strength of the bond will be compromised. For a thicker layer, apply a second thin coat 24 hours later.
- e. RADIANCE has an almost insignificant trace of VOC. Incidental skin contact is

not hazardous, but ingestion or eye contact should be avoided. We recommend use of a painter's mask during application. Refer to MSDS.

6. Benefits:

1. Surface is more abrasion and crack resistant
2. RADIANCE remains resilient
3. Increases density
4. Resists oil and repels water
5. Enhances traction quality
6. Improves freeze-thaw damage resistance
7. Makes ice removal easier from concrete
8. Improves fungus and mildew resistance
9. Enhances bonding of coatings, toppings, etc.
10. Eliminates or retards efflorescence
11. Other than normal maintenance not required

7. Warranty:

ACT warrants that if any goods supplied prove defective in workmanship or material, that ACT shall replace them or refund their purchase price. This warranty is made in lieu of any and all other warranties, expressed or implied, including the warranties of merchantability and/or fitness which are hereby disclaimed. It is understood and agreed that Buyer's sole remedy, and therefore ACT's liability, whether in contract, tort, under any warranty, in negligence, or otherwise shall be limited to the return of the purchase price paid by Buyer or replacement of any defective goods sold by ACT and under no circumstances shall ACT be liable for special, indirect or consequential damages. The price stated for the goods is a consideration in limiting ACT's liability. Before application, the user shall determine the suitability of the product for user's intended use and user assumes all risks and liabilities whatsoever in connection therewith. The terms of this paragraph may not be orally modified. There are no warranties which extend beyond the face hereof.