



Radiance UV-25

Water-Based, Acrylic Cure & Seal (25% Solids)

DESCRIPTION

Radiance UV-25 is a non-yellowing, state of the art, VOC compliant acrylic emulsion that offers outstanding curing, sealing, dustproofing, increased abrasion and chemical resistance for freshly finished concrete surfaces. On older concrete surfaces, **Radiance UV-25** will simultaneously seal and dustproof while extending service life and minimizing maintenance costs. **Radiance UV-25** has been formulated to form a membrane film on the surface of the concrete that optimizes water retention for maximum concrete hydration and compressive strength. **Radiance UV-25** will appear milky white in the container and dries to a clear film.

USES

Radiance UV-25 is ideal for curing and sealing horizontal and vertical surfaces such as:

- Walls
- Commercial floors
- Garages
- Basements
- Hospitals
- Industrial floors
- Pavements
- Parking decks

BENEFITS

- Water-Based: Low odor
- Ultra-Violet Stable: Non-yellowing
- VOC Compliant: Meets stringent requirements
- Appearance: Medium gloss
- Minimizes thermal cracking, dusting and defects
- Performance: Produces hard, dense concrete
- Strength: Increases compressive and tensile strength compared to untreated concrete
- Consistent: Strict Quality Control testing and standards

STANDARDS

Radiance UV-25 meets and exceeds the requirements of ASTM C-309 Type I, Class B and AASHTO M-148 as tested in accordance with ASTM C-156 and AASHTO T-155 and ASTM C-1315 Type I, Class A. Meets OSHA recommended coefficient of friction values as tested under ASTM D-2047 utilizing the James Machine.

SURFACE PREPARATION

Radiance UV-25 should be applied to freshly placed concrete as soon as the surface water has dissipated. On exterior, vertical surfaces, **Radiance UV-25** should be applied to concrete immediately upon removal of the formwork. For older concrete, surface must be structurally sound and free of all contaminants. **US SPEC Maxi-Concrete Cleaner** should be used as a degreaser and to remove rubber tire marks. Thoroughly rinse and allow surface to dry prior to application.

PHYSICAL PROPERTIES

*Complies with V.O.C. contents in accordance with Federal EPA 40 CFR Part 59 Table 1, Subpart D for Concrete Curing and Sealing.

V.O.C.	325* g/L
COLOR	Milky White
VISCOSITY	Ford Cup #4: 12 seconds
FLASH POINT	Non-Flammable
DRY-TIME	4 hrs @ 80°F (27°C)
SHELF LIFE	1 Year

COVERAGE

Actual rates may vary depending on type and porosity of the surface and application methods. Recommended coverage per gallon is as follows.

Curing:	300-400 ft ² /gal (7.4-9.8 m ² /L)
Sealing:	300-400 ft ² /gal (7.4-9.8 m ² /L)
Second Coat:	400-600 ft ² /gal (9.8-14.8 m ² /L)

MIXING

For best results, mix thoroughly before each use. Do not over agitate or use high speed mixing equipment.

PLACING

Apply with a lamb's wool applicator or roller at required rate. Apply evenly without puddling.

STORAGE

Protect from freezing. Store material in an interior, cool dry place above 45°F (7°C). Shelf life is one year in original, unopened container.

CLEAN-UP

Clean tools and equipment with solvents such as mineral spirits, toluene or xylene.

LIMITATIONS

In addition to the limitations already mentioned, please note the following. If surface is to receive subsequent coatings, paints or toppings, it is necessary to completely remove the curing compound before application. Although compatible with many carpet, tile and floor covering adhesives, a test area is recommended. If sealers are applied too soon to colored concrete, they may turn milky under some circumstances. Sealers are most reliable when applied to colored concrete that has cured a minimum of 7 days. Do not apply when the temperature of the concrete is below 40°F (4°C). Do not mix with any other products. Do not pour unused material back into original container.

Packaging: 5 gal (18.9 L) pail, 55 gal (207.9 L) drum



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UV Stable, water-Emulsion Acrylic Cure & Seal (25% Solids)

REGULATORY

Read and follow application information, precautions and Material Safety Data Information.

HMIS

Health 1, Fire 0, Reactivity 0

VOC Content

325 g/L

CAUTION

Avoid contact with skin. Protective clothing is recommended. Contact areas should be thoroughly washed with soap and water. Avoid contact with eyes. Protective goggles are recommended in case of splashing. Flush eyes with water if contact occurs. Avoid ingestion of material. If ingestion occurs, contact a poison center or physician.

TECHNICAL SERVICE

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NOTICE OF LIMITED WARRANTY US MIX Co. (manufacturer) warrants to buyer that this product at the time and place of shipment is of good quality and conforms to the manufacturer's specifications in force on the date of manufacture when used in accordance with the instructions hereon. Manufacturer cannot warrant or guarantee any particular method of use, application or performance of the product under any particular condition. This limited warranty cannot be extended or amended by manufacturer's sales, people, distributors or representatives or by any sales information, specifications of anyone other than the manufacturer. Liability under this warranty is expressly limited to refund of the purchase price.

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