



QuakeBond™ UVC

Description

QuakeBond™ UVC is a waterborne acrylic coating developed for coating epoxy composites. The coating dries quickly to provide a tough, UV-resistant. It also exhibits excellent hide, hardness, and crosshatch adhesion. Its low VOC makes it a natural choice for factory applications and reduces exposure and flammability issues associated with solvent borne coatings.

Uses

- Finish coating compatible with QuakeWrap® wet lay-up, SPIRe™, and PileMedic™ products.
- UV resistant coating

Advantages

- Rapid recoat time
- Excellent film formation and building
- Good UV resistance, non-yellowing
- Low VOC

Product Data

Color	Grey *
Viscosity, 2RPM	3900 cps
Viscosity, 20RPM	1450cps
Thixotropic Index	2.7
Density	11.0 lb/gal
Volume solids	58 %
Crosshatch Adhesion	5B
Tack Free / Recoat Time	15 minutes
Dry Time	2 Days

*Refer to RAL Color Chart for available colors.

Coverage

Applied at a thickness of 15 mils results in 100 ft² per gallon. Rough and uneven surfaces result in lower yields.

Packaging

- 1-gallon
- 5-gallon
- 55-gallon

Application Equipment

An industrial paint sprayer may be used for larger applications. Paint roller be used for touch-up, repair, and smaller applications.

Surface Preparation

Substrate surfaces must be structurally sound and free from contaminants such as dust, oil, and dirt. Surfaces must be shot blasted, abrasively ground, hydro-blasted or mechanically abraded to achieve required surface profile. Freestanding water must be removed.

Application

QuakeBond™ UVC can be applied using a sprayer, brush, or roller depending upon the application tools available. Using any application method, to avoid mud cracking, do not use too much material on a single coating. During the spray application, there should be approximately 6 to 12 inches between the tip of the spray gun and the substrate. Adjust the spray gun valve so the gun is spraying a 6-inch fan, using minimal pressure. A 50% overspray technique is recommended. For optimal results, a dual coat program should be applied. First spray one coat horizontally across a section, and then complete the process next with a vertical spray direction. Do not spray at high pressure as the mixture might dry before landing on the substrate. It is acceptable practice to brush hard to reach areas after spraying. Continue to agitate the coating during application. Let each coat dry to touch before applying a second layer. Ensure proper coverage on edges, as during normal hydrolysis induced cure, the material may become thinner than expected. Brush edges or corners before spraying the surface to ensure enough material is in contact with the substrate.

Cleanup

Collect with absorbent material, flush with water. Clean up using Acetone or other Ketone solvent. Dispose waste in accordance with local disposal regulation.

Shelf Life & Storage

Store product in original container in a dry location for up to 12 months at 77°F (25°C) or below. If stored below 25°C, the material MUST be allowed to come to room temperature, in the sealed container, to avoid moisture contamination. Material removed from containers may be contaminated during use. Do not return product to the original container. QuakeWrap® cannot assume responsibility for product which has been contaminated or stored under conditions other than those previously indicated.

Limitations

Do not apply to materials still in the curing process.
Do not apply to substrates at a temperature less than 50°F (10°C).

First Aid

Appropriate Personal Protective Equipment (PPE) should be worn at all times when handling product. Consult SDS for more information.

The Infrastructure Innovators

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