

### **Application on New Concrete**

1. Vetrofluid can be used as a cure on new concrete surfaces. Vetrofluid is a reactive penetrating cure, not a film-forming cure. It will harden and seal the surface to reduce surface shrinkage cracking and moisture loss.
2. Apply after the bleed water has receded and after the finishing operation.
3. Recommended approximate application rate for cure is 130 to 150 sq. ft. per gallon. The exact coverage will vary depending on the concrete porosity and type of finish. On extremely hard-troweled or burnished concrete surfaces, the application may require to be broomed to ensure even application and no ponding.
4. Second coat application will follow the recommendation for use on existing concrete.

### **Application on Existing Flat/Horizontal Concrete**

1. Existing concrete surfaces should be free from residues of oil, grease, curing compounds, release agents, laitance, tire marks, soda, and coffee stains, to name a few.
2. Vetrofluid can be applied by spraying, roller, or brush. Application by using a low-pressure sprayer is recommended.
3. Apply the first coat to saturation and broom out any areas that show ponding. The second coat can be applied as early as the first coat dries out or the following day, or as the project schedule dictates. If the second coat is delayed, the surface may require additional cleaning. Avoid flooding joints with Vetrofluid.
4. Vetrofluid on hard-troweled and smooth concrete surfaces will require a brooming to work the Vetrofluid evenly into the surface.
5. Vetrofluid can be applied to a damp surface, not saturated or ponding water.
6. Once Vetrofluid has dried out for two hours, light rain will not affect it—twenty-four hours for heavy rainstorms.
7. Do not install below 41°F or above 104°F surface temperature. The concrete temperature should be above 35°F for 72 hours after application.

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### **Application on Existing Wall/Vertical Concrete**

1. Existing concrete surfaces should be free from release agents, curing compounds, and any coatings that may have been applied.
2. Vetrofluid can be applied by spraying, roller, or brush. Application by using a low-pressure sprayer is recommended.
3. Application should progress from the bottom to the top. Runs should be broomed out for an even coat application.
4. Vetrofluid can be applied to a damp surface.
5. Once Vetrofluid has dried out for two hours, light rain will not affect it—twenty-four hours for heavy rain. Wait twelve hours before backfilling operations on below-grade concrete.
6. Do not install below 41°F or above 104°F surface temperature. The concrete temperature should be above 35°F for 72 hours after application.

### **Coverage Rate**

1. Coverage rate varies from 130 to 200 square feet per gallon per coat and proper Vetrofluid® application on existing concrete requires 2 coats.
2. Coverage rate is affected by the age of the existing concrete, surface porosity, and type of finish; power trowel versus heavy broom will influence the application rate.
3. Existing conditions should be reviewed before the application. A test section may help determine the application rate.

### **Storage Requirements and Warnings**

1. Protect product from freezing during storage. Contact the manufacturer if product has been frozen. Maintain and ensure all seals are tight to prevent evaporation and contamination. Protect storage containers from ultraviolet and environmental damage.
2. Vetrofluid should be remixed after storage. Vigorous shaking for buckets and small containers and stirring with a paddle mixer for several minutes for more oversized totes.
3. Protect glass and aluminum during the application as the product can damage them