



Vapor-Green[®] FC

Concrete Moisture & pH Control

LEED Information for Vapor-Green FC Synthetic Polymer

SUSTAINABLE SITES PREREQUISITE 1: Construction Activity Pollution Prevention (No Points, Mandatory prerequisite)

The published intent of this LEED prerequisite is to "Reduce pollution from construction activities by controlling soil erosion, waterway sedimentation and airborne dust generation". The soil erosion aspect does not apply to our Vapor-Green scope, however waterway sedimentation and airborne dust generation can. Typical application of Vapor-Green FC materials require the use of mechanical abrasion machinery (bead-blasters, grinders, sanders, etc). These various heavy duty machines can create a fair amount of dust if not contained properly. Airborne dust generation can be controlled by attaching heavy duty dust vacuums directly to the preparation equipment in use. Heavy duty dust collectors will be utilized on all projects involving our product installation. Dust bags will be hauled away from the job-site and disposed of properly, preventing possible mix and run-off into potential waterways and causing sedimentation. Vapor-Green FC is water-reducible, so it is compatible for modern, "wet grinding" processes that create virtually no dust. Contact AMCI for further information.

LEED - FOR EXISTING RENOVATION PROJECTS

Material & Resource Credit 1: Building Reuse (2 Points)

- Vapor-Green can renovate concrete slabs and extend the life of a facility by preventing premature failure of floor coverings and coating systems caused by excessive concrete slab moisture and elevated alkalinity. Once the slab is sealed it is permanent. Floor coverings can be replaced (with care) without replacing the sealer.

Material & Resource Credit 3: Construction Waste Management (2 Points)

- Vapor-Green's unique packaging minimizes waste by utilizing recyclable packaging.

Indoor Environmental Quality Credit 4.2: Low Emitting Materials (1 Point)

- Vapor-Green FC product meets the V.O.C. requirement for Primers, Sealers and Undercoaters as noted in SCAQMD* Rule 1113. V.O.C. levels are to be less than 100 g/Liter. Vapor-Green FC has a V.O.C. Content of 70 g/Liter or less.
- NOTE: Vapor-Green FC employs water as a solvent. Since water is classified as an organic substance, it registers as a V.O.C and is conservatively reported to be below 70 g/Liter. If the reduction water was not utilized, V.O.C. content would be at or below 50 g/Liter. After complete chemical curing (21 days) V.O.C. rates should be near zero.

LEED - FOR NEW BUILDING PROJECTS

Material & Resource Credit 2: Construction Waste Management (2 Points)

- Vapor-Green's unique packaging minimizes waste by utilizing recyclable packaging. Indoor Environmental Quality Credit 4.2L: Low Emitting Materials (1 Point)
- Vapor-Green FC product meets the V.O.C. requirement for Primers, Sealers and Undercoatings as noted in SCAQMD* Rule 1113. V.O.C. levels are to be less than 100 g/Liter. Vapor-Green FC has a V.O.C. Content of 70 g/Liter or less.
- NOTE: Vapor-Green FC employs water as a solvent. Since water is classified as an organic substance, it registers as a V.O.C and is conservatively reported to be below 70 g/Liter. If the reduction water was not utilized, V.O.C. content would be at or below 50 g/Liter. After complete chemical curing (21 days) V.O.C. rates should be near zero.

*SCAQMD: South Coast Air Quality Management District (Southern California)

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