



Lythic Densifier and LEED 2009

LEED 2009, recently issued, establishes new criteria that allows polished concrete to contribute to earning LEED points.

How Does Polished Concrete Contribute to LEED Points?

EQ Credit 3.2: Construction IAQ Management Plan: Before Occupancy

Polished concrete minimizes the surface area where dust, pollutants, and other VOCs can be trapped, facilitating the building flush-out process. In addition, Lythic Densifier contributes zero VOCs, making it easier to meet the requirements for Option 2: Air Testing.

EQ Credit 4.3: Flooring Systems

Polished concrete floors have the potential to earn a point under this credit, which requires:

- All hard surface flooring must be certified as compliant with the FloorScore® standard by an independent third-party,
- AND concrete finishes must meet the requirements of South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings,
- OR all flooring products will meet the requirements of the California Department of Public Health Standard Practice for the Testing of Volatile Organic Emissions.

Possible Innovation Credits

Lythic Densifier has several advantages that could be included in an application for Innovation Credits:

- Increased light reflectivity of polished concrete flooring
- Reduced jobsite waste
- Does not produce caustic residue
- Transportation-related energy consumption reduced by shipping as concentrate

What Is FloorScore?

From the FloorScore website (<http://www.rfci.com>):

“The FloorScore® program, developed by the Resilient Floor Covering Institute (RFCI) in conjunction with Scientific Certification Systems (SCS), tests and certifies flooring products for compliance with indoor air quality emission requirements adopted in California. Flooring products include vinyl, linoleum, laminate flooring, wood flooring, ceramic flooring, rubber flooring, wall base, and associated sundries. A flooring product bearing the FloorScore® seal has been independently certified by SCS to comply with the volatile organic compound emissions criteria of the California Section 01350 program. These flooring products qualify for use in high performance schools and office buildings in California. Thus, products with the FloorScore® seal have passed a third party certification process and are recognized as contributing to good indoor air quality in order to protect human health.”