HOW DO I KNOW WHICH SYSTEM IS RIGHT FOR ME?

The answer is, there is no short answer! But the key elements are always the same; what environment are you operating in, what are your expectations of use and how long do you want your coating to last? We get to know your parameters and design the appropriate system to fit. It's what we do. It's that simple!

HEALTHCARE AND MEDICAL

PHARMACEUTICAL

COMMERCIAL KITCHEN AND HOSPITALITY

FOOD AND BEVERAGE PRODUCTION

INDUSTRIAL

MANUFACTURING

AUTOMOTIVE

CHEMICAL PROCESSING AND CONTAINMENT

ARCHITECTURAL

INSTITUTIONAL

Concrete Color Systems

281.998.9451 office
281.998.9458 fax
www.concretecolorsystems.com

Concrete Color Systems

RESINOUS COATINGSYSTEMS

High Performance Flooring, Coatings and Sealants... Installed Professionally, Priced Competitively and Backed by Industry Leading Manufacturers

Can a resinous coating be GREEN?

Our coating systems can contribute toward LEED® credits. In today's building market, architects, designers, and building owners want solutions that offer superior performance, have desirable aesthetic appeal and make environmental sense. Our flooring and wall systems offer these attributes, are environmentally friendly and contribute toward earning points for LEED® project certification. Several manufacturers offer materials certified by Air Quality Sciences (AQS) to meet the standards of LEED® for Schools for Indoor Air Quality, based on California Section 01350 testing.

Our systems range from highly decorative commercial and institutional systems to heavy duty industrial systems. Aggregate reinforced resin floors such as Mortar Systems, Quartz Systems and Urethane Concrete Systems have the potential to outlast the life of a building depending on use. CCS's Resin Flooring Systems are ideal for any "Green" project. These sustainable floors have a low life cycle cost and are easily maintained, durable, with negligible effect on indoor air quality.

How can Resin Flooring Systems contribute to LEED®?

Sample credit areas can be found below. The exact credits which a project will qualify for is dependent on the type of project and product(s) used. Contact one of our Sales Professionals for details.

Credit Areas:

- MR Credit 4: Recycled Content; 1-2 Points.
- MR Credit 5: Regional Materials: Extracted, Processed & Manufactured Regionally; 1-2 Points.
- MR Credit 6.0: Rapidly Renewable Content of Materials: 1 Point.
- IEQ Credit 3.2: Indoor Environmental Quality: Air Quality Before Occupancy; 1 Point.
- IEQ Credit 4.3: Low-Emitting Materials: Floor System; 1 Point.
- ID Credit 1: Innovation & Design: Sound Control; 1 Point

CHOOSING THE RIGHT INSTALLER IS AS IMPORTANT AS CHOOSING THE RIGHT SYSTEM!

All of the staff at Concrete Color Systems continually receive industry and company sponsored training. We focus on every aspect of the installation process but the most important are MOISTURE TESTING AND SURFACE PREPARATION.

Moisture and Preparation related coating failures are responsible for MILLIONS of DOLLARS in damages annually. These problems range from cupping, buckling, blistering and resin failures to discoloration and mold growth. These issues can occur soon after the installation, and in some cases years down the road. At CCS, we adhere to industry mandated standards and practices to ensure substrate suitability, prior to installation.

TESTING:

Moisture Vapor Emissions Rate
- Anhydrous Calcium Chloride (ASTM F1869 – 11)

Relative Humidity Level
- In-sutu Probe (ASTM F2170 – 11)

Visible Moisture Test
- Plastic Sheet Method. (ASTM D4263 – 83)

Alkalinity Level
- PH Test (ASTM D4262 – 05)

PREPARATION:

Planetary / Edge Grinding (ICRI CSP 5-8)
Shot Blasting (ICRI CSP 2-8)
Scarifying (ICRI CSP 4-9)
Scabbeling (ICRI CSP 7-9)
Hydro Blasting (ICRI CSP 6-9)
Acid / Chemical Etching (ASTM D4260 - 05)
Concrete Surface Cleaning (ASTM D4258 - 05)
Joint and Crack Isolation (ASTM C1993 – 13)

SYSTEM OPTIONS:

Decorative Systems
Industrial Systems
Wall Coating Systems
Moisture Vapor Control Systems
Methyl Methacrylate (MMA)
Containment Systems
Traffic and Deck Systems
ESD Systems
Conductive Systems
Cove Base Systems

COMPONENT OPTIONS:

Colored Silica Quartz
Colored Flake
Urethane Elastomer
Vinyl Ester
Epoxy (All Variants)
Metallic Epoxy
Aliphatic Urethane
Urethane Cement
Trowelled Mortar

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