

EC

EPOXY COAT

DURABLE RESINS & HARDENERS

10 QUESTIONS TO ASK WHEN

CHOOSING A FLOOR COATING FOR YOUR COMMERCIAL SPACE



westcoat®
SPECIALTY COATING SYSTEMS

One of the best ways to ensure a safe and clean working environment is to choose the right coating for your floor. There are many variables to consider when making this decision. How will the space be used and what type of traffic is expected? Are there performance requirements? Does the floor need to be aesthetically pleasing and safe to move around? What type of maintenance or code requirements are necessary.

HERE ARE 10 QUESTIONS TO ASK WHEN CHOOSING A COATING

- 1 What is the condition of the concrete slab?
- 2 Has the concrete been tested for moisture?
- 3 What are the thickness requirements?
- 4 What aesthetic are they going for?
- 5 Are there odor concerns?
- 6 Are there any flammability concerns?
- 7 Will UV light exposure be an issue?
- 8 Does there need to be a certain level of chemical resistance?
- 9 What's the turnaround time?
- 10 What's the budget for cost and labor?



1 WHAT IS THE CONDITION OF THE CONCRETE SLAB?

Is the surface new or existing?

What is the current condition of the slab?

Is it structurally sound, clean and uncontaminated?

Is there any damage, patching cracks, etc.?

What is the thickness and strength of the concrete?

How was the concrete finished?

Existing flooring system or coating history?



2 HAS THE CONCRETE BEEN TESTED FOR MOISTURE?

RELATIVE HUMIDITY AND MOISTURE VAPOR EMISSION RATES:

Relative Humidity – **ASTM F2170**

Calcium Chloride – **ASTM F1869**

Most of our standard EC Systems are rated up to 5 lbs. (cc) or 75% (RH).

EC-15 can be used up to 15 lbs. or 95% RH

Temper-Crete™ is another viable solution for substrates with higher MVER



3

WHAT ARE THE THICKNESS REQUIREMENTS?

Is there a minimum or maximum mil thickness?

Are patching and repairs needed?

Does the floor need to be sloped or leveled?

Are there varying elevations and transitions?

Is impact resistance necessary?

What are the system and product thickness limitations?



4

WHAT ARE THE AESTHETIC OR DESIGN GOALS?

What texture – Smooth, Troweled, Sprayed, etc.

What color – Solid Pigmented Color, Stain, Quartz Sand, etc.

Custom Color required?

What level of sheen – Gloss, Flat, Semi-Gloss



5 ARE THERE ODOR CONCERNS?

New construction or rehab?

Will there be occupants or other trades in the space?

Is there adjoining HVAC systems?



6 ARE THERE ANY FLAMMABILITY CONCERNS?

Are there any sources of ignition, such as pilot lights or electric motors?

TIP: When using solvent based products that are flammable, you must extinguish all sources of ignition and have adequate cross ventilation.



7 WILL UV LIGHT EXPOSURE BE AN ISSUE?

Interior or Exterior Space

Roll-up doors, Windows, Full-Spectrum Lighting, etc.

Consider the desired material and look

Consider UV Stable materials



8

DOES THERE NEED TO BE A CERTAIN LEVEL OF CHEMICAL RESISTANCE?

What chemicals, cleaners, etc. will the flooring system be exposed to?

What is the dilution or strength of the chemical(s)?

How long will the floor be exposed to this chemical(s)?

Request SDS for chemicals and cleaners to help the lab review.



9 WHAT'S THE TURNAROUND TIME?

Are there any time constraints for the installation of this project?

New Construction, Rehab

In operation, Other Trades

Installed in phases?



10

WHAT'S THE BUDGET FOR COST AND LABOR?

What is the budget for the project?

What is the budget for the floor?

Is there a QCA involved?

What is the skill or ability of the applicator?

Is the applicator able to perform that type of work being specified?





INTERESTED IN A FLOORING SYSTEM FOR YOUR COMMERCIAL SPACE?

To learn more about our coating options, visit us at:
westcoat.com/system-category/epoxy-coat/

Contact us to connect with a Westcoat Rep or applicator in your area. 800-250-4519 | info@westcoat.com

Westcoat Specialty Coating Systems is the leading innovator and manufacturer of specialty coatings for use by professionals in the design and construction industry. Over the last 30 years, Westcoat (previously known as Life Deck) has continually pioneered new ideas and formulas specifically for waterproofing, epoxy, surface and texture coating applications.

Westcoat's unique formats, tested through rigid applications in all environments, have led to their line of coatings defined as "Specialty Coating Systems". Made to adhere with long-lasting, durable results, Westcoat Specialty Coating Systems are a new generation of coatings broken down into four distinct systems: W-waterproof, E-epoxy, S-surface and T-texture coats.