



Your Concrete Solution



SPEC[®]CHEM
Solution to Service

SPECLEVEL PCT

SELF-LEVELING POLISHABLE CONCRETE TOPPING



Official Website
www.specchem.com



SpecLevel PCT

SpecChem's SpecLevel PCT line not only provides strength and durability but also adds a touch of elegance to any space.

Create a visually captivating environment with high compressive strength that leaves a lasting impression for years to come.

As contractors, architects, and engineers know, achieving a consistent, visually appealing finish on a durable surface can sometimes be challenging but crucial for customers. SpecChem's polishable concrete toppings combines the rugged reliability of concrete with the sophistication of polished finishes. From upscale retail spaces to expansive warehouses, customers trust SpecLevel PCT to provide amazing aesthetics & unbeatable durability.



Available in 50 lb Bags



The Industry Standard

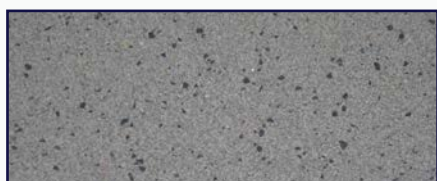
APPEARANCE

SURFACE APPEARANCE

This product is formulated for easy application, providing a smooth, durable, and wearable surface that dries to a light concrete gray and is receptive to integral color, stains or aggregate.

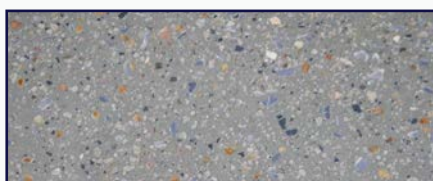
Remarkable Versatility

The SpecLevel System was designed for a variety of applications, from sophisticated commercial and retail environments to heavy-duty industrial spaces. Whether you're aiming for a sleek, modern polished look or a timeless terrazzo finish, SpecLevel PCT is the premier choice. SpecLevel PCT comes in three varieties of differing aggregate, all of which accept integral color for complete customization.



SPECLEVEL PCT

High-performance self-leveling polishing concrete topping that produces a salt & pepper finish.



SPECLEVEL PCT-AGG

Formulated with a special aggregate that creates a natural concrete polished finish when polished.



SPECLEVEL PCT-GRAY

Cement-based, self-leveling polishable concrete topping that when polished, creates a consistent gray architectural finish.



SDS



TDS



SELL



Website
www.SpecChem.com



(816) 968-5600

Benefits of SpecLevel Products

ADVANTAGES OF SPECLEVEL

- Self Leveling: No troweling required
- Quick Turn Around: Can be diamond polished in 24 hours
- Durable: Produces a smooth, tough wearable surface
- Customizable: Accepts integral color or stains
- Accepts foot traffic within 3 to 4 hours, depending on environmental conditions
- Economical alternative to epoxy terrazzo systems

GREEN CONSCIOUS



SpecLevel PCT products not only provide great performance, but they are also environmentally friendly. Our use of recycled aggregates reduces environmental impact, contributing to a greener future for the construction industry.

At SpecChem, we believe in building a sustainable future. Our environmentally friendly concrete solutions are designed to not only meet but exceed LEED standards. When you choose SpecLevel PCT you're contributing to greener building practices without compromising quality.

Complete Speclevel system is VOC Compliant nation wide.



CEASER'S HOTEL - LAS VEGAS, NV



WAL-MART HQ - SAN BRUNO, CA

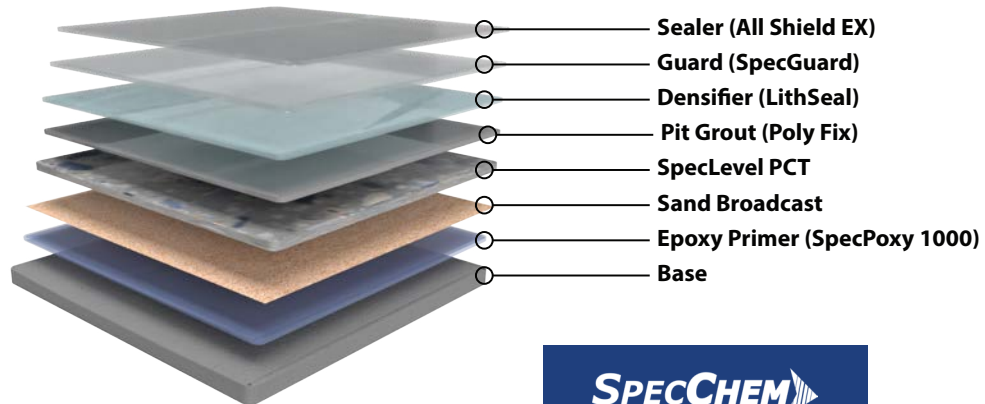


AMG OFFICE - KANSAS CITY, MO



HOMEFIELD SPORTS COMPLEX - KANSAS CITY, KS

Complete Flooring System



SPECHEM
Solution to Service

FLOORING SYSTEM

SpecChem manufactures a complete flooring system including epoxy primers, liquid densifiers, underlayments, polishable concrete toppings, and sealers.

SpecLevel Process

PREPARE SUBSTRATE

- Remove all dirt, debris, chemicals, and loose surface materials
- Profile substrate to a minimum CSP #4
- Fill all cracks and joints with appropriate material
- Apply SpecFlow if necessary

PRIME

- Prime all surfaces with SpecPoxy 1000
- Broadcast a course dry sand, remove loose sand after 12 hours

MIX & PLACEMENT

- Mix each bag with 7.0-7.5 pints of cold water for a minimum of 3 minutes
- Add integral color if desired.
- Minimum depth of 3/8"
- No troweling necessary

GRIND IN POLISH

- Grind wet or dry in as little as 24 hours

PIT GROUT

- Apply Poly Fix® to the floor. Using a trowel work into the floor filling any pin holes.

DENSIFY

- Spray a SpecChem densifier (LithSeal Lite, LithSeal SC, or SpecHard-Intraseal) with overlapping circular motions

GUARD

- Apply SpecGuard and burnish to achieve gloss and sheen

STAIN PROTECTION

- Uniformly apply a SpecChem sealer (All Shield EX, or All Shield WB) and remove excess liquid



SCAN QR CODE
TO WATCH IN DEPTH
VIDEO ON THE
SPECLEVEL PROCESS

Why SpecChem

WHY BUILDING PROFESSIONALS TRUST SPECICHEM

Your success and reputation hinges on the quality, performance, and reliability of every material you specify and use on the job site. SpecChem's wide range of construction chemicals are not only rigorously tested, but come with full compliance documentation and certifications to give you complete peace of mind.

SINGLE SOURCE SOLUTIONS

SpecChem manufactures a full line of trusted concrete chemical products. From liquid chemical technologies, epoxy products, and a comprehensive array of cementitious materials; designed to work together and enhance the outcome of your project.

HIGHEST QUALITY PRODUCTS

SpecChem places a strong emphasis on innovation through continuous research and development. This commitment helps us create advanced, high-quality products that meet the evolving needs of the market.

INDUSTRY LEADERSHIP AND EXPERIENCE

With over 300 years of collective industry experience, SpecChem has established itself as a leader in the concrete construction materials industry. We actively participate in nearly every trade group related to our key markets, which keeps us at the forefront of industry developments.

SERVICE

When you call SpecChem with a question, you're not just reaching a help desk; we connect you directly to a SpecChem expert in your area who combines nationwide resources with local expertise. Our team is here to support you over the long haul, from initial consultation to final application, fostering a partnership that grows with your business.

AMERICA'S #1 MANUFACTURER OF CONCRETE CHEMICALS PRODUCTS

NATION-WIDE SUPPORT

We maintain six state-of-the-art manufacturing plants strategically located to serve all major markets, ensuring cost-effective and on-time shipping to every major market in the continental United States.

With regional sales offices and a national sales force serving every major market, we've built a nationwide distribution model that allows us to provide best-in-class products, top-rated customer service & support.

All SpecChem products are proudly manufactured in America.



Polished Concrete Toppings



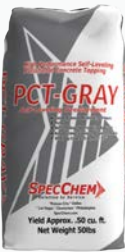
SpecLevel PCT is a premium, cement-based, self-leveling, and polishable concrete topping designed to achieve an architectural “salt & pepper” finish when polished. Ideal for creating a dense, hard surface, SpecLevel PCT can be diamond polished in as little as 24 hours after application. This product is formulated for easy application, providing a smooth, durable, and wearable surface that dries to a light concrete gray and is receptive to integral color or stains.

- Self-leveling and pumpable, no troweling required
- “Salt & Pepper” finish when polished
- Suitable for both interior and exterior applications.
- Accepts foot traffic within 3 to 4 hours
- Can be applied in thicknesses from 3/8” to 1.5” and up to 5” with the addition of pea gravel



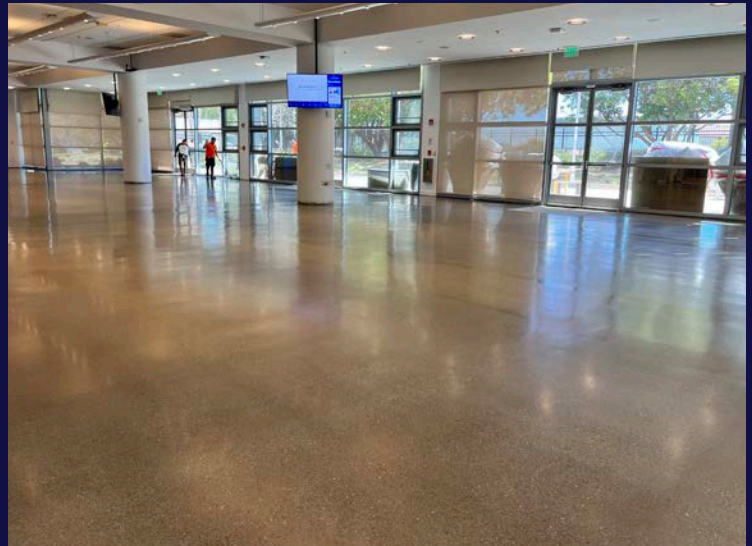
SpecLevel PCT-AGG is a premium, cement-based, self-leveling, and polishable concrete topping, uniquely pre-extended with special aggregates to achieve a natural architectural concrete finish. Engineered for ease of use and versatility, it delivers a dense, hard surface that can be diamond polished in just 24 hours, drying to a light concrete gray that beautifully accepts integral colors or stains.

- Self-leveling and pumpable, no troweling required
- Terrazzo-like finish when polished
- Ideal for achieving a smooth, durable surface ready for polishing.
- Accepts foot traffic within 3 to 4 hours
- Compatible with integral colors and concrete stains



SpecLevel PCT-Gray is a, cement-based, self-leveling, and polishable concrete topping designed to achieve an architectural gray concrete finish when polished. SpecLevel PCT-Gray can be diamond polished in as little as 24 hours. This product is formulated for easy application, providing a smooth, durable, and wearable surface that dries to a light concrete gray and is receptive to integral color or stains.

- Self-leveling and pumpable, no troweling required
- Architectural gray finish when polished
- Suitable for both interior and exterior applications.
- Accepts foot traffic within 3 to 4 hours



Specialty Epoxies

SpecPoxy 1000 is a two-component, low-viscosity, moisture-insensitive, high modulus, structural epoxy bonding adhesive and crack injection resin. This product is 100% solids, solvent-free, low odor, and high strength, ideal for bonding concrete, steel, and wood, gravity feed or pressure injection crack repairs, and anchoring bolts, dowels, and reinforcing bars.

MVM Prime 5000 is a two-component, 100% solids epoxy moisture barrier system designed to effectively halt moisture vapor-related issues on concrete before the installation of SpecChem underlayments or overlays. It also provides an excellent bond to concrete and can be applied to concrete as early as 5 days old, where early application of floor covering is essential.

SpecPoxy Accelerator is a special additive designed to accelerate the cure rate of certain SpecChem epoxy systems, thereby reducing installation times for SpecChem flooring systems.

Poly Fix is used as a pit grout after initial grinding.



Densifiers

LithSeal Lite is an economical lithium-silicate sealer, densifier, and hardener designed for concrete surfaces. It deeply penetrates cured concrete, reacting to form a calcium silicate hydrate that enhances the concrete's properties.

LithSeal SC is a premium lithium silicate sealer/ densifier/hardener for concrete surfaces that deeply penetrates and reacts with cured concrete. This reaction produces a calcium silicate hydrate within the concrete pores to reduce porosity, reduce dusting, reduce water permeability and increase abrasion resistance.

SpecHard-Intraseal is a proprietary, colorless blend of silicates and siliconates that increases the wear surface strength of concrete floors subjected to pedestrian and vehicle traffic. SpecHard-Intraseal penetrates concrete surfaces to seal, densify and harden.

SEALERS

All Shield WB is a low VOC, waterborne, synthetically modified, silane-siloxane concrete protectant. This clear, penetrating, breathable protectant is designed for use on interior/exterior, horizontal/vertical concrete, natural or synthetic stone surfaces to resist oil, water, food stains, and many other liquid contaminants.

All Shield EX is an exempt solvent, low VOC, synthetically modified, silane-siloxane concrete protectant. This clear, penetrating, breathable protectant is designed for use on interior/exterior, horizontal/vertical concrete, natural or synthetic stone surfaces to resist oil, water, food stains, and many other liquid contaminants.

All Shield SB is a solvent-based, synthetic-modified silane-siloxane concrete protectant. It provides clear, penetrating, and breathable protection for both interior and exterior concrete and stone surfaces. This advanced formulation effectively repels oil, water, food stains, and other liquid contaminants, while offering long-lasting protection against moisture, de-icing salts, and weathering. Suitable for a wide range of applications, including commercial, industrial, and residential settings, All Shield SB ensures durable surface protection.



INSTALL
THE NEW AND IMPROVED
SPECHEM APP



SCAN QR CODE
TO DOWNLOAD
THE SPECHEM APP



Website
www.SpecChem.com



(816) 968-5600

SpecChem's Polishable Concrete Toppings:

The Future of Concrete Flooring



Nick Carroll,
North Midwest
Regional Sales Manager,
Concrete Industry Expert

In the fascinating world of concrete construction, aesthetics and functionality are two vitally important aspects of concrete flooring. As distributors, contractors, architects, and engineers already know, achieving a consistent, visually appealing finish on a durable surface can sometimes be challenging but crucial for customers. Enter SpecChem's polishable concrete toppings—a game changer that marries the rugged reliability of concrete with the sophistication of polished finishes. From upscale retail spaces to expansive warehouses, the demand for such seamless overlays has been steadily rising, and for a good reason. In this deep dive, we'll explore SpecChem products, their distinct advantages, and why they've become the choice for industry professionals seeking both beauty and brawn in their flooring solutions.

SpecChem's Polishable Concrete Toppings

Spec Level PCT Gray – This is a base gray overlay.

Spec Level PCT – Offers a salt and pepper finish.

Spec Level PCT-AGG (with Aggregate) - A terrazzo-like finish with larger aggregate.

While each of SpecChem's polishable concrete toppings brings its own set of advantages to the table, there's one product that has particularly caught the attention of the industry and deserves a closer look. SpecLevel PCT-AGG, with its distinct larger stone mix and versatility, stands out not only in our lineup but also in the wider market. Given its skyrocketing popularity and the unique value it offers, it's only fitting that we delve deeper into what makes the PCT-AGG so special and why it's rapidly becoming the preferred choice for many.

Spotlight on SpecLevel PCT-AGG: Revolutionizing Concrete Overlays

SpecLevel PCT-AGG comes with larger stone in the mix, simulating the look of polished concrete. It's especially useful for warehouse repairs, where the objective is to match the surrounding existing concrete. For instance, when flooring in a building is removed, often what's left is an unsightly concrete surface.

The solution? SpecLevel PCT-AGG. Unlike inconsistent ready-mix concrete, a premixed bag product ensures a consistent finish. This means no uneven patches or areas devoid of stone. It's for this reason that upscale retail areas like Tesla dealerships and Lululemon shops are veering towards polished overlays. These overlays aren't just aesthetically consistent, but they're also low maintenance and long-lasting.

Extended Workability

SpecLevel PCT products offer an extended working time of 5-10 minutes compared to other polishable concrete toppings. During the summer, when temperatures often soar to 90 degrees, having an additional five to ten minutes on our product can make the difference between a successful project and a potential failure. This is a significant selling point, and many field experts value this feature.

How SpecLevel PCT Reduces Labor Costs and Boosts Efficiency

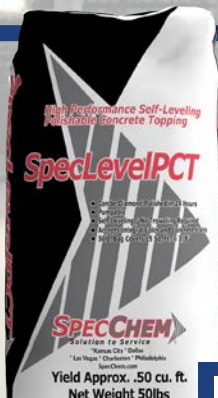
SpecLevel PCT also helps contractors save time and money. Many overlays harden quickly and reach higher PSI levels, making them challenging to cut. SpecLevel PCT hardens at a more controlled rate, gradually attaining a high PSI. This offers greater workability during the polishing process. Some contractors are able to start polishing with a 60-80 metal bond when diamond polishing. Eliminating a step in the polishing process leads to substantial savings in labor costs. In regions with high labor rates like Chicago, San Francisco, and Los Angeles, this becomes an even more compelling selling point.



For more informative
articles like this one, visit
specchem.com/resources



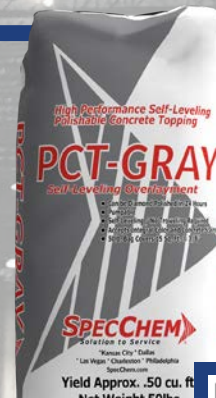
POLISHED CONCRETE TOPPINGS & UNDERLAYMENTS



SPECLEVEL PCT
POLISHABLE
CONCRETE TOPPING



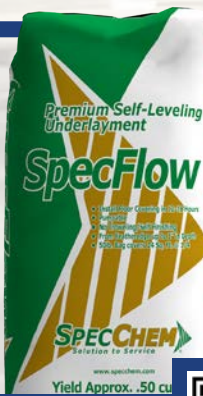
SPECLEVEL PCT-AGG
POLISHABLE CONCRETE
TOPPING W/ AGGREGATE



SPECLEVEL PCT-GRAY
GRAY POLISHABLE
CONCRETE TOPPING



SLEEK 100 SLU
SELF-LEVELING
UNDERLAYMENT



SPECFLOW
SELF-LEVELING
UNDERLAYMENT





About SpecChem

At SpecChem, we serve five key concrete markets: commercial, industrial, DOT & infrastructure, residential, and repair & restoration. We are active in nearly every industry trade group related to these key market segments and have a strong team of industry professionals who are focused on building long-term relationships, increasing distributor profitability, continually evolving, developing new products, and providing premium customer service.

SpecChem is an American manufacturer, headquartered in the heartland, supplying the concrete distributor network with high quality, industry-leading concrete construction materials.

Get In Touch



(816) 968-5600



www.SpecChem.com



1511 Baltimore Avenue, Suite 600
Kansas City, MO 64108

Your Concrete Solution