



The Concrete Craftsmen

Project Options Summary

So you're looking for possibilities for your concrete floor! Great, but what are they? Here's a simple overview you can use in your search.

You have five primary categories of options available:

- I. [The Grind, Stain & Seal](#)
- II. [The Slate Series Overlay](#)
- III. [The RESA Series Chip Floor](#)
- IV. [The Cardinal Concrete Floor \(true polish\)](#)
- V. [The HDSC Concrete Floor](#)

I. The Grind, Stain & Seal



Frequently chosen for renovation projects when clients require removal of existing floor coverings and prefer an affordable, easy-to-maintain floor that offers the charm of stained concrete.

Advantages

- Quick installation
- Budget-friendly
- Attractive appearance
- Resistant to food and liquid spills
- Easy spot repairs between tenants
- Simple cleaning: sweep and damp mop
- Straightforward long-term maintenance: clean, abrade, and re-coat

Disadvantages

- Unable to conceal slab imperfections or trench-fills
- Likely ghosting from previous floor coverings
- Vulnerable seal-coat: may scratch or gouge from furniture, especially wheeled office chairs (floor mats recommended)
- Prone to damage from solvents (lacquer thinner, acetone, xylene), long-term exposure to strong cleaning agents, or extended water submersion
- Strong odor during stain and sealer application.

II. Slate Series Overlay



A versatile and customizable flooring option, the Slate Series Overlay adds a new layer of cement over your existing slab, effectively concealing any imperfections or repairs. This innovative solution offers an array of design possibilities, allowing you to create a unique and visually striking floor tailored to your preferences.

Advantages

- Successfully hides imperfections
- Unlimited design options: customizable color, pattern, and texture (e.g., wood plank, brick, natural stone, large tile formats)

Disadvantages

- More expensive
- Extended turnaround time based on pattern selection
- Shares seal-coat disadvantages with the [Grind, Stain & Seal](#) option

III. RESA Series Chip Floor



An optimal solution for addressing challenges in high-traffic restrooms, kitchens, and dining areas. This flooring features approximately 1/4" of urethane-modified cement underlayment, topped with your selection of vinyl chip blend aggregates, all encapsulated and sealed with chemically-resistant epoxies and urethanes.

Advantages

- Conceals repairs and imperfections
- Addresses moisture vapor emission rate (MVER) concerns
- Exceptional thermal shock resistance
- Low volatile organic compounds (VOC)
- Fast in-service turnaround time
- 7-year warranty
- Effortless cleaning
- Compatible with common bathroom cleaners
- Resistant to foodservice spills
- Optimal performance in commercial kitchens
- Built-in non-slip texture

Disadvantages

- High material cost
- Limited working time; temperature-sensitive

IV. The Cardinal Concrete Floor



The pinnacle of polished concrete, this flooring option stands above others due to its resistance to common issues such as delamination, wear-and-tear and peeling caused by moisture vapor transmission. Its superior performance and durability make it a top choice for those seeking the concrete flooring finish with the most longevity.

Advantages

- Unmatched durability (abrasion, scrape, gouge, and thermal shock resistance)
- Striking sheen and aesthetics
- Economical choice for long-term durability

Disadvantages

- Longer installation time
- Cannot conceal imperfections (appearance can be improved, but they will remain visible)
- Ghosting of previous floor coverings, particularly original tile, likely
- Prone to damage from acids

V. HDSC Concrete Floor



An easy and economical approach to transform your concrete slab into a low-maintenance, robust flooring solution that withstands heavy traffic and usage, eliminating concerns about moisture tolerance or the scratches and peeling typically associated with standard sealed concrete floors.

Advantages

- Cost-effective
- Rapid turnaround time
- Easy maintenance and cleaning
- Durable

Disadvantages

- Unable to conceal imperfections or poor finish quality
- Prone to damage from acids