



3 Consolideck® System performance options

Performance

Maybe all you want in a floor is toughness without dusting. For increased hardness, durability, dustproofing and length of service life, you don't have to do anything except treat with Consolideck® LS™ or Consolideck® LS/CS™.

Your Consolideck® Performance Floor is 50 percent harder than and denser than untreated concrete. That means maintenance cleaning that's easier, cheaper and faster.

Ultimate Performance

Harden it. Or grind it and harden it. Or grind it, harden it and polish it. A burnished-on coat of LSGuard's patented lithium silicate polymer blend is all you need to turn any concrete finish-level into a gleaming, protected surface.

Highly reflective Consolideck® Ultimate Performance Floors are ideal for schools, hospitals or any place that benefits from beautiful, durable, easily maintained finished concrete flooring.

Decorative Performance

Gem-like color, shine, hardness and beauty from gray concrete was once found only in the imagination.

Now you can find and install these remarkable finished concrete floors in institutions of hospitality, religion, art or commerce.

Home or hotel – anywhere that calls for the ultimate in design and durability, easy installation, low maintenance and lasting value – that's the place for Consolideck® Decorative Performance Floors.

Applying to green concrete saves green money

Reduce mobilizations and labor costs by hardening and densifying your freshly poured concrete before applying the curing compound.

Just pour the floor and steel trowel to the finish you want. Then soft cut your control joints and clean up the dust. Spray on Consolideck® LS/CS™ and let it dry – typically less than an hour. You're ready to apply the specified curing compound or cure and seal. One trip, one step, one application, one product and one bundle of labor-cost savings.

Four easy-to-use Consolideck® products

LS™ (lithium-silicate): premium hardener/densifier for concrete floors. Spray on. No scrubbing or flushing needed. Usually dry in an hour.

LS/CS™ (lithium-silicate): economical hardener/densifier for concrete floors. Spray on. No scrubbing or flushing needed. Usually dry in an hour.

GemTone Stain: Water-based penetrating colors for polished concrete. Easy brush, roller or spray application.

LSGuard™: Glossy sealer, hardener/densifier for Ultimate Performance and Decorative Performance Floors. Low-odor, fast drying, non-yellowing, improves gloss at every finish level.

See Product Data Sheets for complete application and safety instructions.

Create high performance concrete floors that protect indoor air quality with these SCS Indoor Advantage™ Gold certified products:

Consolideck® LS™ • Consolideck® LS/CS™
Consolideck® LSGuard™ • Consolideck® GemTone Stain



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Finish Systems



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Consolideck® Performance options for cured concrete floors

PERFORMANCE FLOORS

Easily-applied Consolideck® LST™ or LS/CS™ improves the hardness, durability, abrasion resistance and dustproofing of your concrete floor. Treated floors wear better and are easier to clean and maintain.

Steel-Troweled

Just apply LST™ or LS/CS™ to your existing, clean, steel troweled concrete floor. Benefits: Harden, reduce maintenance, dustproof. Recommended for: Industrial

Honed

Grind the concrete and apply LST™ to your freshly honed concrete floor. Benefits: Harden, reduce maintenance, dustproof, increase light-reflectance. Recommended for: Industrial

Polished

Grind, apply LST™, polish to desired finish. Benefits: Harden, reduce maintenance, dustproof, increase light-reflectance, improve chemical- and stain-resistance. Recommended for: Industrial, Commercial



Industrial Performance Floor

ULTIMATE PERFORMANCE FLOORS

Use Consolideck® LST™ followed by Consolideck® LSGuard™ to improve the hardness, durability, abrasion resistance and dustproofing of your concrete floor. You'll increase the floor's gloss and resistance to staining. You get an Ultimate Performance Floor that's not only attractive and durable, but economical to clean and maintain.

Steel-Troweled

Apply LST™ to existing, clean, steel-troweled concrete floor. Follow by application of LSGuard™ and high-speed burnishing. Benefits: Harden, reduce maintenance, dustproof, improve light-reflectance and stain-resistance. Recommended for: Commercial, Institutional, Educational, Retail

Honed

Grind the concrete and apply LST™. Follow by application of LSGuard™ and high-speed burnishing. Benefits: Harden, reduce maintenance, dustproof, increased light-reflectance, improve chemical- and stain-resistance. Recommended for: Commercial, Institutional, Educational, Retail

Polished

Grind, apply LST™, polish to desired finish. Follow by application of LSGuard™ and high-speed burnishing. Benefits: Maximized hardness, abrasion resistance, dustproofing and light-reflectance; reduce maintenance and improve chemical- and stain-resistance. Recommended for: Commercial, Institutional, Educational, Retail



Institutional Ultimate Performance Floor

DECORATIVE PERFORMANCE FLOORS

Combining performance and beauty, Consolideck® Decorative Performance Floors are hardened with LST™ and colored with Consolideck® GemTone Stains. They get their exceptional luminous gloss through diamond polishing, followed by application of LSGuard™ and high-speed burnishing. Decorative Performance Floors offer increased gloss, stain-resistance and rich, gem-like color.

Polished

Grind, apply LST™, polish to 400, apply GemTone Stains, and polish to desired finish. Application of LSGuard™ and high-speed burnishing completes the job. Benefits: Harden, dustproof, reduce maintenance, decorate with maximum color saturation, maximum gloss, and maximum chemical- and stain-resistance.

Recommended for: Specialty Retail, Hospitality, Artistic, Residential



Artistic Decorative Performance Floor