

Clear Seal Systems for Concrete

To protect concrete without hiding it, clear seal systems deliver the simplest path to a durable, low-maintenance floor!

UDT's clear seal systems for concrete are engineered to protect bare, polished, or troweled concrete while preserving its natural look. Rather than relying on grinding and polishing schedules or wax-based guards, these systems use a single, thin, high-performance coating to lock in shine, resist chemicals and abrasion, and dramatically cut down on ongoing maintenance. Whether the floor is new, freshly polished, or an older slab that just needs reliable protection, UDT offers a clear seal to match the substrate and the performance level required.

Benefits

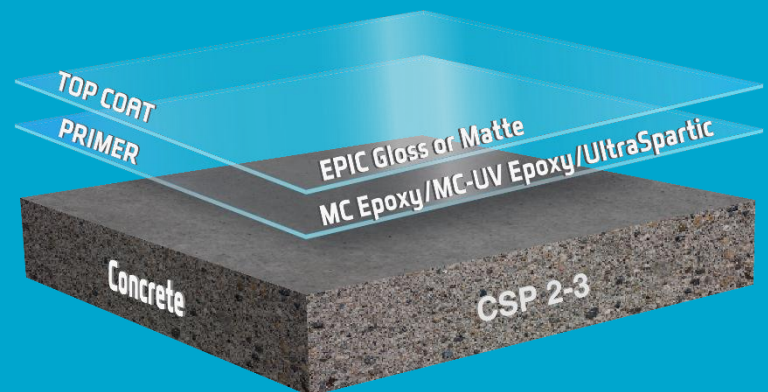
- Preserves Concrete's Natural Look
- Excellent Abrasion Resistance
- Easy-to-Clean, Non-Porous Surface
- Eliminates Ongoing Polishing & Waxing
- Low VOCs
- Fast Return-to-Service
- UV-Stable Finish Options
- Fast Return-to-Service
- Optional Traction Additives
- Available in Gloss or Matte

Uses

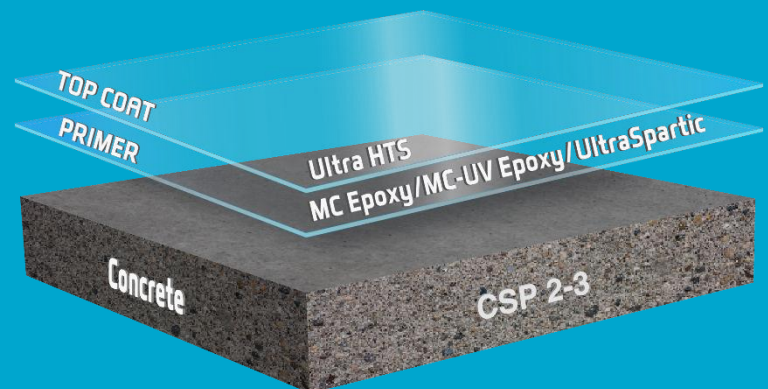
- Showrooms & Retail Spaces
- Commercial Kitchens
- Offices & Lobbies
- Schools & Universities
- Healthcare Facilities
- Warehouses & Light Industrial
- Apartment Common Areas
- Garage & Storage Areas
- ... and more!



EPIC Clean & Seal for Concrete
rolled directly onto concrete
with no need to grind



EPIC Grind & Seal
utilizing a primer layer
for grind levels less than 200-grit



Ultra Grind & Seal
for maximum durability

Preserves Natural Beauty

Unlike colored or textured systems, clear seal systems let the concrete itself shine. UDT's clear systems enhance the concrete's own colors, giving facilities a sleek, modern look without sacrificing protection.

Built for Everyday Durability

Once sealed, concrete gains the abrasion, impact, and chemical resistance of a true resinous coating system. EPIC and Ultra HTS both resist staining from common chemicals, motor oil, and cleaning products, holding up to foot traffic, rolling loads, and routine scrubbing without breaking down.

The Right Sheen for the Space

EPIC is available in both Matte and Gloss, or you can dial in the perfect Semi-Gloss with our grit additive options. Ultra HTS comes with its own grit component, which yields a beautiful Satin finish.



EPIC Gloss on Concrete

Consistent & Reliable Installation

Contractors can choose the right preparation path without unnecessary steps: rolling EPIC directly onto a polished floor, priming a lower grind level before sealing, or building up with Ultra HTS for maximum protection. Clear application windows, predictable dry times, and straightforward mixing help ensure uniform results from one project to the next.

No More Grinding & Polishing

Once a UDT clear seal system is installed, there's no need to keep grinding and polishing to maintain shine. One coat of EPIC lasts 3-5 years or more with no stripping, buffing, or rewaxing, and it's far more chemical resistant than traditional polish guard, which requires ongoing maintenance to keep it looking good.



EPIC Matte on Concrete

Engineered for the Real World

From retail traffic and rolling carts to spills and routine scrubbing, UDT's clear seal systems are built to perform in active environments without losing their finish. Both EPIC and Ultra HTS resist common chemicals, motor oil, and cleaning agents, and neither requires diamond pads nor burnishing to maintain.

Ultra HTS Topcoat Advantage

For the highest level of protection, the Ultra Grind & Seal system finishes with Ultra HTS. This high-solids, 100% aliphatic (non-yellowing) urethane adds extreme chemical, tire, and abrasion resistance with a satin sheen. And like EPIC, its UV-stable formula keeps concrete looking true over time, even in sunlit spaces, while remaining low-odor and low-VOC.

Typical Physical Properties

Nominal Total Thickness	2 - 4 mils (with EPIC only) 6 - 8 mils (with primer)
Color	Clear
Shore D Hardness ASTM D2240	72 - 78
Pencil Hardness ASTM D3363	6H with Ultra HTS topcoat
Compressive Strength ASTM D695	11,000 psi with Ultra HTS topcoat
Tensile Strength ASTM C307	EPIC Gloss: 2,600 psi Ultra HTS: 8,500 psi
Abrasion Resistance Taber CS-17, 1000 cycles ASTM D4060	EPIC Gloss: 27 mg loss Ultra HTS: 17 mg loss
Pull-Off Adhesion to Concrete ASTM D7234	Concrete failure (>450 psi)



Ultra HTS on Concrete

Surface Preparation

Concrete must be structurally sound, cured for at least 30 days, and free of contaminants including waxes, loose paint, dust, dirt, grime, oils, release agents, curing compounds, and any surface laitance (a layer of weak and non-durable material). Grind to a Concrete Surface Profile (CSP) of 2 to 3 (30-70 metals). All substrates must be properly prepared by trained and experienced contractors or maintenance personnel. EPIC can be applied directly to cleaned, polished or hard-trowelled concrete.

Safety Precautions

Safety Data Sheets (SDS) must be referenced before product use. Ensure the most recent instructions and technical data are used. Current product documents are available here:

<https://ultradt.com/product-documentation/>

Warranty

<https://ultradt.com/warranty/>

Moisture Vapor Emissions Precautions

All interior concrete floors not poured over an effective moisture vapor retarder are subject to possible moisture vapor transmission that may lead to blistering and failure of any coating system. It is the coating applicator's responsibility to conduct calcium chloride or relative humidity probe testing to determine if excessive levels of vapor emissions are present before applying any coatings. A moisture test should be performed to determine MVT rate. UDT can supply moisture remediation products and information. Consult your UDT representative for more information. UDT and its representatives or sales agents will not be responsible for coating failures due to undetected moisture vapor emissions.

Material Storage

Materials must be stored in a temperature-controlled environment. Refer to product Technical Data Sheets (TDS) for acceptable storage temperatures.

LAYER	PRODUCT	COVERAGE	APPLICATION
Primer Grind & Seal only	MC or MC-UV Epoxy or UltraSpartic	300-600 ft ² /gallon	Flat flexible squeegee, then back-roll with 3/8" nap woven roller.
Topcoat	EPIC or Ultra HTS	EPIC: 350-650 ft ² /gallon Ultra HTS: 450 ft ² /gallon	3/8" nap woven roller.

Cleanup

All equipment used in mixing and application should be cleaned immediately after use. Any chemicals must be handled and stored following all health and fire safety precautions.

Maintenance

System life may be extended with periodic inspection of installed material and spot repair as needed. Contact Ultra Durable Technologies for specific information.