

CONVERGENT

CONCRETE DENSIFIERS AND SPECIALTY TREATMENTS

THE INNOVATIVE LEADER IN PROFESSIONAL CONCRETE TREATMENTS FOR OVER 20 YEARS



**[NANO-LITHIUM[®] DENSIFIERS & SEALERS
STRION[™] DENSIFIERS
SIRE[®] REACTIVE MICROFILMING GUARDS
COLLOIDAL NANO-SILICA]**

ABOUT THE CONVERGENT PRODUCT LINE

For over 20 years, the **CONVERGENT** name has been synonymous with innovation and has introduced multiple technologies that have changed the face of the industry – from Nano-Lithium® technology, industry-leading Reactive Silicon Hybrid Polymers, Colloidal Silicas and the all new silica-free STRiON® densifier.

Today, **CONVERGENT** products are part of a complete line of concrete repair, restoration, and new construction treatment solutions from Adhesives Technology Corporation. Whether you are focused on hardening concrete for heavy traffic, reducing dusting in a tilt-up environment, or installing a polished concrete floor to optimize light and reduce maintenance needs in a retail or warehouse environment, **CONVERGENT** products from Adhesives Technology provide the chemical solution that will satisfy the most stringent specification requirements and exceed your expectations.



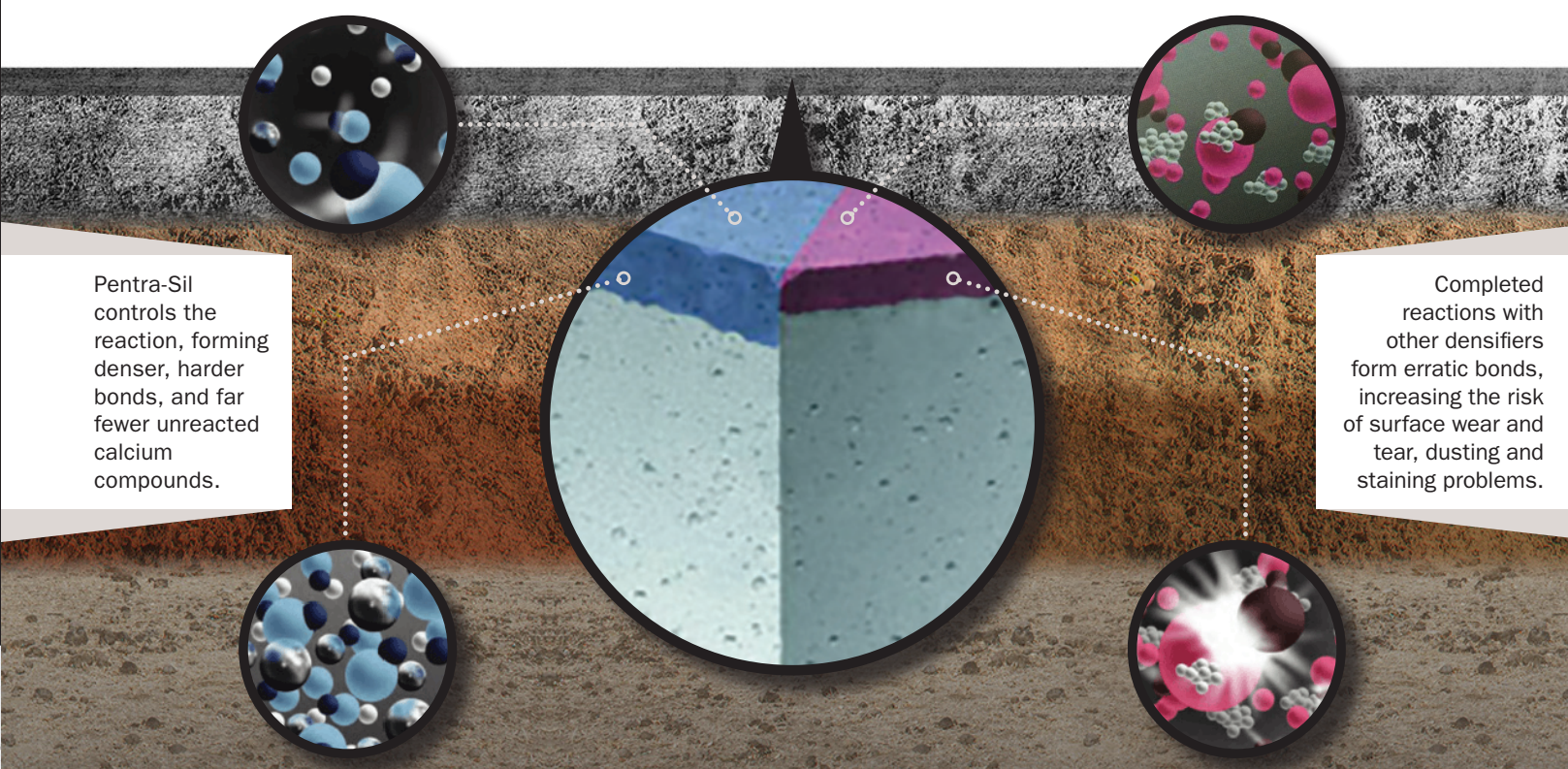
SUSTAINABILITY BENEFITS

From manufacturing to application, we do our part to ensure that **CONVERGENT** products are safe to use and safe for the environment. Because we believe in building a better future, we've committed to be environmentally-minded from start to finish.

Our manufacturing facilities use streamlined systems and formulas that eliminate the creation of hazardous waste during the production process, and our warehouses package those products with recycled materials.

Unlike like other technologies that leave hazardous waste to be removed, Pentra-Sil absorbs deep into the slab leaving no waste. It can be applied without the rinsing, or pickup and disposal which competitive products require. **Just spray and walk away.**

DEEPER, AND MORE EVENLY.



Pentra-Sil controls the reaction, forming denser, harder bonds, and far fewer unreacted calcium compounds.

Completed reactions with other densifiers form erratic bonds, increasing the risk of surface wear and tear, dusting and staining problems.

Pentra-Sil® penetrates deeper than sodium or potassium-based densifiers or hardeners, but more importantly, it penetrates more evenly throughout the surface matrix of the concrete, with wider particle distribution during absorption, also allowing the lithium to react more completely with the calcium. This allows the nano-lithium silicate compounds to create a denser, harder surface, leaving less unreacted calcium in the surface.



Scan me for more information.



Pentra-Sil® (244+)

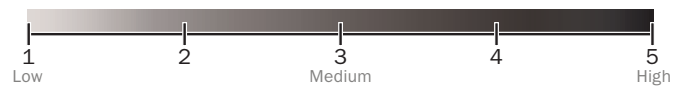
OUR HIGHEST-SOLIDS, SUPER-PREMIUM LITHIUM SILICATE DENSIFIER AND SEALER

Pentra-Sil® (244+) is a high-performance lithium densifier and sealer. Originally formulated to protect existing concrete against damage from salt, freeze-thaw, moisture and resulting steel corrosion. **Pentra-Sil® (244+)** reduces surface permeability effectively preventing chloride intrusion while dust-proofing, hardening and fortifying the surface reducing wear due to abrasion, penetrating fully leaving no film to lift or peel off.

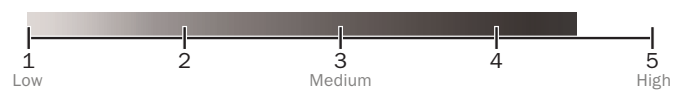
- Protects against salt and freeze/thaw damage
- Improves abrasion resistance and dustproofs
- Produces unrivaled polishing results in shine, clarity, abrasion resistance and stain protection when used together with Pentra-Finish™ (HG)
- Patented Nano-Lithium® technology
- Repels water and harmful substances
- Not susceptible to UV damage
- Breathable surface allows vapor transmission
- Penetrates: no film to lift or peel off
- Reduces efflorescence and surface sweating
- Does not contribute to surface ASR or promote crazing
- VOC compliant, may contribute to LEED points (IEQ credit)

COVERAGE

in steel troweled concrete



ABRASION RESISTANCE



PROPERTIES	
Total solids	17.1%
pH	11.3
Color	Red tint, dries clear
Odor	Slight to none
VOC Content	<50g/L

PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-060-1
5-Gallon Pail	CCT-060-5
55-Gallon Drum	CCT-060-55
275-Gallon Tote (IBC)	CCT-060-275



Scan me for more information.



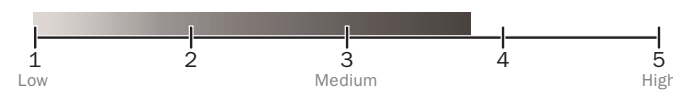
STRiON:FORTIFY MAX

THE EASIEST TO USE DENSIFIER ON THE MARKET. THE NEXT EVOLUTION OF THE STRiON TECHNOLOGY.

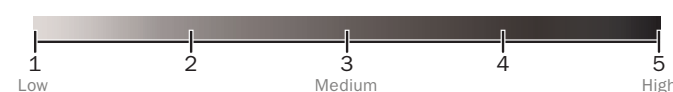
Not only is it remarkably easy to apply, but it can be applied at temperatures as low as 25°F with no rinsing is required, making it not only simple but also easy on the environment. It can be applied to freshly placed concrete slabs, existing concrete surfaces and cementitious overlays.

COVERAGE

in steel troweled concrete



ABRASION RESISTANCE



PROPERTIES

pH	4-5
Color	Clear
Odor	None
VOC Content	0g/L

PACKAGING

SIZE	PART NO.
1-Gallon Jug	CCT-030-1
5-Gallon Pail	CCT-030-5
55-Gallon Drum	CCT-030-55
275-Gallon Tote (IBC)	CCT-030-275



Scan me for more information.



STRiON:FORTIFY

REVOLUTIONARY SPRAY-ON, SILICA-FREE DENSIFIER

STRiON:FORTIFY is a revolutionary new method of concrete densification and hardening. Using groundbreaking new silica-free technology, **STRiON** relies on an ionic transfer process to disperse deep into concrete to make it more resilient, resistant to traffic, dustproof, easy to clean and prepped for polishing. On top of that, it's exceptionally easy to apply. It's a safe bet to get the job done right.

COVERAGE

in steel troweled concrete



ABRASION RESISTANCE



PROPERTIES

pH	6.6
Color	Clear - Colorless
Odor	Slight to none
VOC Content	0g/L

PACKAGING

SIZE	PART NO.
1-Gallon Jug	CCT-038-1
5-Gallon Pail	CCT-038-5
55-Gallon Drum	CCT-038-55
275-Gallon Tote (IBC)	CCT-038-275



Pentra-Sil® (HD)

WATER-BASED LITHIUM DENSIFIER FOR MAXIMUM HARDENING

Pentra-Sil® (HD) is a high-performance lithium densifier that provides optimal hardening to improve abrasion and stain resistance while reducing dusting. Easy to use. Provides easier maintenance and longer concrete life. **Pentra-Sil® (HD)** is best for existing concrete surfaces and can be applied during polishing processes. This product is VOC compliant.

COVERAGE

in steel troweled concrete



ABRASION RESISTANCE



PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-050-1
5-Gallon Pail	CCT-050-5
55-Gallon Drum	CCT-050-55
275-Gallon Tote (IBC)	CCT-050-275



Pentra-Sil® (HL)

HYBRID LITHIUM DENSIFIER AND HARDENER

Pentra-Sil® (HL) is a high-solids blended hybrid lithium densifier designed for concrete densifying and hardening in newly placed or existing slabs. Its reactive formulation fills the micro-pores of the concrete, strengthening the surface and prolonging its life. **Pentra-Sil® (HL)**, when used in the polishing process, will deepen clarity and increase reflectivity, while remaining breathable.

COVERAGE

in steel troweled concrete



ABRASION RESISTANCE



PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-152-1
5-Gallon Pail	CCT-152-5
55-Gallon Drum	CCT-152-55
275-Gallon Tote (IBC)	CCT-152-275



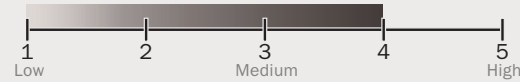
Pentra-Sil® (H)

SINGLE-APPLICATION HARDENER FOR SLABS AND TILT-UP

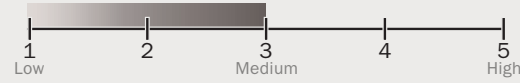
Provides maximum hardening for concrete slabs and tilt-up construction. This lithium-based product reduces dusting and makes the surface more water, stain and abrasion resistant while increasing surface sheen over time. **Pentra-Sil® (H)** is applied in one application, will not peel, and no rinsing is required.

COVERAGE

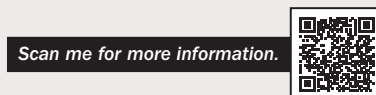
in steel troweled concrete



ABRASION RESISTANCE



PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-075-1
5-Gallon Pail	CCT-075-5
55-Gallon Drum	CCT-075-55
275-Gallon Tote (IBC)	CCT-075-275



Pentra-Cure™ (MH)

ALL-IN-ONE CURE, HARDENER AND DENSIFIER

Pentra-Cure™ (MH) is an eco-friendly, all-in-one treatment that cures, hardens and densifies fresh concrete with one application. It provides long-term protection for commercial and industrial floors against heavy wear and abuse. This unique solution forms a membrane on the surface that retains moisture for proper curing while the densifier penetrates and creates an abrasion resistant surface. Its lithium-based solution is VOC compliant and easy to apply.

COVERAGE

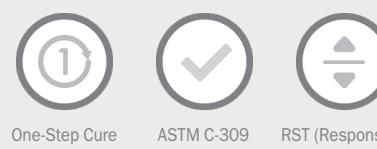
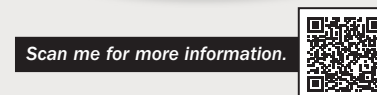
in steel troweled concrete



ABRASION RESISTANCE



PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-042-1
5-Gallon Pail	CCT-042-5
55-Gallon Drum	CCT-042-55
275-Gallon Tote (IBC)	CCT-042-275



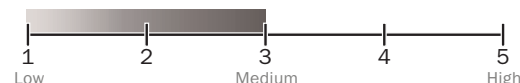
Pentra-Sil® (IH)

IMPROVES GLOSS AND CLARITY IN POLISHING

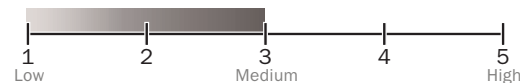
Specifically designed for concrete polishing. Applied during the polishing process, this penetrating hardener improves the final appearance by allowing abrasive tooling to work more effectively to increase gloss and clarity. It is extremely easy to apply and will not skin, discolor or leave white blemishes.

COVERAGE

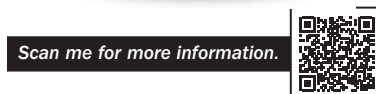
in steel troweled concrete



ABRASION RESISTANCE



PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-105-1
5-Gallon Pail	CCT-105-5
55-Gallon Drum	CCT-105-55
275-Gallon Tote (IBC)	CCT-105-275



Pentra-Shield™

CONCRETE HARDENER WITH ANTI-SCALE AND FREEZE-THAW PROTECTION

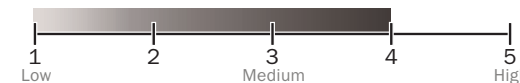
Pentra-Shield™ is an exterior concrete and masonry surface hardener and densifier that provides freeze-thaw, scaling and spalling protection. This treatment strengthens concrete sidewalks and driveways to minimize damage caused by winter weather. **Pentra-Shield™** is a penetrating, breathable solution that reduces moisture absorption and leaves no surface film or discoloration. It is a lithium-based solution, VOC compliant and easy to apply.

COVERAGE

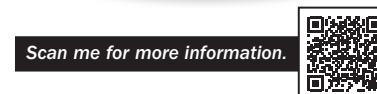
in steel troweled concrete



ABRASION RESISTANCE



PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-061-1
5-Gallon Pail	CCT-061-5
55-Gallon Drum	CCT-061-55
275-Gallon Tote (IBC)	CCT-061-275



UNIQUE STRENGTHS, UNMATCHED PERFORMANCE.





SlabArmor™ Starter

COLLOIDAL SILICA CONCRETE CURING/FINISHING AID & HARDENER

SlabArmor™ Starter is a colloidal silica concrete curing/finishing aid and hardener used in the placement and finishing of new concrete. Its hydrophilic property helps retain bleed water in the capillaries of the concrete slab during the curing process, reducing plastic shrinkage and resulting micro-cracking, creating a more workable and a dense surface.

COVERAGE

in steel troweled concrete



ABRASION RESISTANCE



PACKAGING	
SIZE	PART NO.
5-Gallon Pail	CCT-110-5
55-Gallon Drum	CCT-110-55
275-Gallon Tote (IBC)	CCT-110-275



SlabArmor™ Closer

COLLOIDAL SILICA CONCRETE DENSIFIER/HARDENER

SlabArmor™ Closer is the second step in the SlabArmor™ system. This colloidal silica densifier/hardener is applied after power troweling has been completed. A single application is applied to the surface and requires no scrubbing or rinsing. Its reactive formula penetrates deep within the capillaries of the substrate to form insoluble calcium-silica-hydrate, hardening and densifying the substrate.

COVERAGE

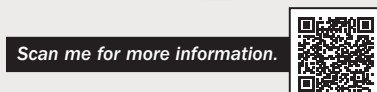
in steel troweled concrete



ABRASION RESISTANCE



PACKAGING	
SIZE	PART NO.
5-Gallon Pail	CCT-113-5
55-Gallon Drum	CCT-113-55
275-Gallon Tote (IBC)	CCT-113-275



SlabArmor™ Seal&Shine Finish

FINISHING SEALER FOR A GLOSSY FINISH

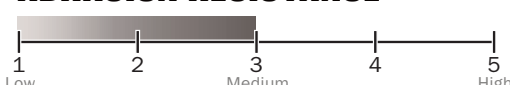
Seal&Shine Finish is the final step in the **SlabArmor™** system, intended to be applied after the placement and finishing process. This high-performance, high-gloss finish, seals, protects and extends the life of your **SlabArmor™** floor, eliminating the need for waxes, polishes or acrylics. Once cured, the extremely hard microfilm improves your floors' resistance to stains and abrasion while increasing the reflectivity of overhead lighting potentially reducing energy costs from lighting. **Seal&Shine Finish** is low VOC, non-toxic and non-hazardous.

COVERAGE

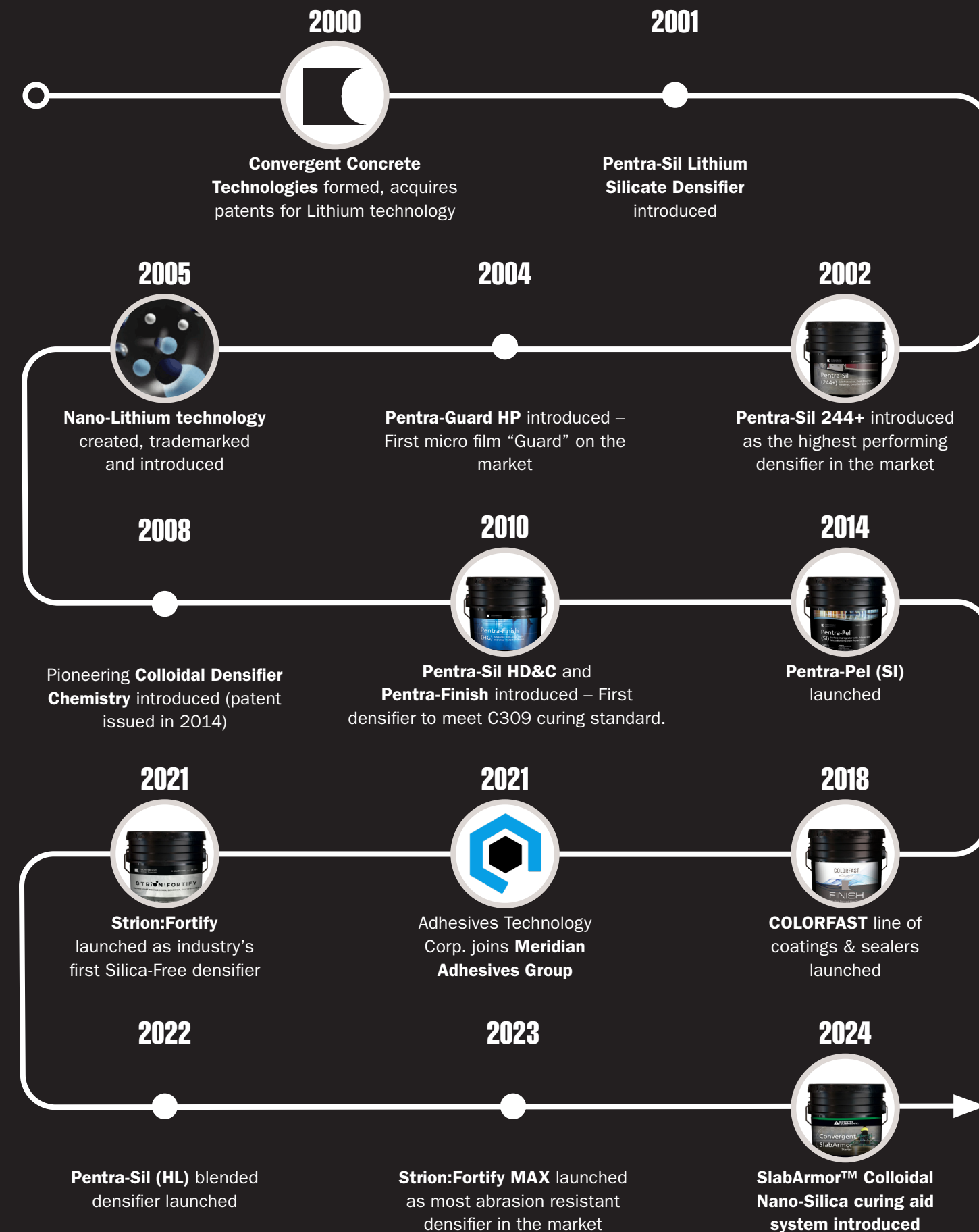
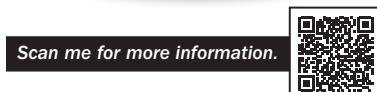
in steel troweled concrete



ABRASION RESISTANCE



PACKAGING	
SIZE	PART NO.
5-Gallon Pail	CCT-0821-5
55-Gallon Drum	CCT-0821-55
275-Gallon Tote (IBC)	CCT-0821-275





Scan me for more information.



Pentra-Finish™ (HG)

HIGH-GLOSS, FAST-DRYING LITHIUM SEALER

Pentra-Finish™ (HG) is an advanced, high-gloss, fast-drying lithium sealer that creates a microfilm on polished concrete, stone, terrazzo, masonry and other cementitious surfaces. This easy-to-use finish increases shine, enhances color and improves resistance against abrasion and stains. **Pentra-Finish™ (HG)** generally increases the coefficient of friction on polished surfaces. This non-toxic solution is ideal for integrally colored, dyed and stained polished concrete and is VOC compliant.

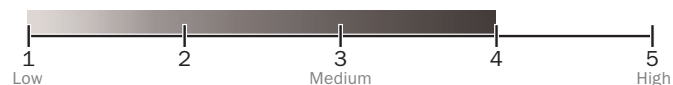
- Prolongs shine of polished concrete
- Delivers rapid gloss with increased abrasion and stain resistance
- Uses patented Silicone Reactive Lithium chemistry (Sire® Li)
- Keeps dirt and contaminants from penetrating
- User friendly: dries in minutes with low odor
- This product will not alter the profile of a surface
- Forms a protective microfilm that is breathable, hard, and will not peel or flake
- Reduces maintenance and cleaning costs
- Re-application is simple and requires no stripping
- VOC compliant, may contribute to LEED points (IEQ credit)

COVERAGE

in steel troweled concrete



ABRASION RESISTANCE



Interior



Polished Concrete



Repels Liquids



Enhance Color



Dust Proof



LEED Certification

PROPERTIES

Total solids	21.4%
pH	11-12
Color	White, dries clear
Odor	Slight ammonia-like odor
VOC Content	<50g/L

PACKAGING

SIZE	PART NO.
1-Gallon Jug	CCT-086-1
5-Gallon Pail	CCT-086-5
55-Gallon Drum	CCT-086-55
275-Gallon Tote (IBC)	CCT-086-275



Scan me for more information.



Pentra-Guard® (EXT)

CONCRETE HARDENER WITH ANTI-SCALE AND FREEZE-THAW PROTECTION

Pentra-Guard® (EXT) is an eco-friendly, exterior sealer for concrete, masonry and stone surfaces. It seals and protects against dirt, grime, salt and oil damage while enhancing the natural color and shine. This treatment creates a breathable, protective clear coat that is abrasion resistant and will not flake or peel. **Pentra-Guard® (EXT)** cures quickly and provides a hard, glossy, wet look finish to any exterior cementitious surface. This lithium-based solution is VOC compliant and easy to apply.



Exterior



Repels Liquids



Enhance Color



Dust Proof

PACKAGING

SIZE	PART NO.
1-Gallon Jug	CCT-081-1
5-Gallon Pail	CCT-081-5
55-Gallon Drum	CCT-081-55
275-Gallon Tote (IBC)	CCT-081-275



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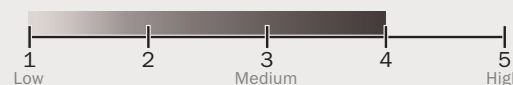
Pentra-PEL™ (SI)

INTERIOR / EXTERIOR PENETRATING STAIN GUARD

Pentra-Pel™ (SI) is a penetrating lithium stain guard designed for interior or exterior concrete, stone and masonry surfaces. This product creates a protective barrier that resists staining. It densifies, seals, and repels while maintaining breathability and doesn't alter the appearance of the substrate. **Pentra-Pel™ (SI)** is easy to use and is VOC compliant.

COVERAGE

in steel troweled concrete



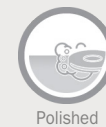
ABRASION RESISTANCE



Interior



Exterior



Polished Concrete



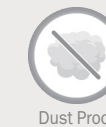
Freeze-Thaw Protection



Repels Liquids



Enhance Color



Dust Proof

PACKAGING

SIZE	PART NO.
1-Gallon Jug	CCT-090-1
5-Gallon Pail	CCT-090-5
55-Gallon Drum	CCT-090-55
275-Gallon Tote (IBC)	CCT-090-275



Scan me for more information.



COLORFAST™ Finish

CLEAR, HARD PROTECTANT FOR STAINED OR COATED SURFACES

COLORFAST™ Finish is a high-performance finish that enhances the appearance and extends the longevity of polished, integrally colored, dyed and stained concrete, providing shine, stain resistance and abrasion resistance. Effective on concrete and cementitious surfaces that are stained or coated, this water-based, lithium-fortified product dries quickly to a clear, extremely hard micro-coating that bonds with and protects the substrate. **COLORFAST™ Finish** will not lift or peel from the surface.

PACKAGING

SIZE	PART NO.
1-Gallon Jug	CCT-085-1
5-Gallon Pail	CCT-085-5
55-Gallon Drum	CCT-085-55
275-Gallon Tote (IBC)	CCT-085-275



Pentra-Sil® (C&N) CONCRETE CLEANER AND NEUTRALIZER

Pentra-Sil® (C&N) cleans and neutralizes concrete floors that suffer from surface sweating and efflorescence. This treatment stabilizes the alkalinity in concrete surfaces by infusing lithium ions throughout the substrate.



PROPERTIES	
Total solids	5.8%
pH	5-6
Color	Opaque, dries clear
Odor	Slight to none
VOC Content	<50g/L

PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-103-1
5-Gallon Pail	CCT-103-5
55-Gallon Drum	CCT-103-55
275-Gallon Tote (IBC)	CCT-103-275

The combined use of Pentra-Sil® C&N followed by application of Pentra-Sil® AC is an effective system solution to common, costly ASR and efflorescence problems.



Pentra-Sil® (AC) ALKALINITY CONTROL HARDENER

Pentra-Sil® (AC) is an advanced alkalinity control treatment that reacts with concrete to neutralize its pH levels. Through this permanent reaction, slab sweating and efflorescence is significantly reduced. The lithium silicate in this product also densifies and hardens the surface, increasing abrasion resistance.



PROPERTIES	
Total solids	7.4%
pH	11-12
Color	Opaque, dries clear
Odor	Slight to none
VOC Content	<50g/L

PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-104-1
5-Gallon Pail	CCT-104-5
55-Gallon Drum	CCT-104-55
275-Gallon Tote (IBC)	CCT-104-275



Pentra-Clean™ (CR) HARDENS FLOORS WHILE IT CLEANS AND RESTORES

Pentra-Clean™ (CR) cleans floors by cutting through dirt, grime and residue while using reactive Nano-Lithium® to harden, protect and restore gloss and durability. Cleaning with **Pentra-Clean™ (CR)** increases the floor's longevity, reducing maintenance and costly repairs. Ideal for cleaning commercial, retail, industrial and institutional floors.

PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-109-1
5-Gallon Pail	CCT-109-5
55-Gallon Drum	CCT-109-55
275-Gallon Tote (IBC)	CCT-109-275



Pentra® (PCF) LIQUID PORE AND MICRO-CRACK FILLER FOR USE DURING GRINDING AND POLISHING

Pentra® (PCF) is an industry-leading liquid pore and micro-crack filler for concrete grinding and polishing. This reactive treatment mixes with the dust created during concrete grinding to fill pinholes, microcracks and other imperfections in the concrete surface. It cures into a durable surface that will accept colored stains, dyes and hardeners.

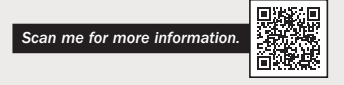
PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-106-1
5-Gallon Pail	CCT-106-5
55-Gallon Drum	CCT-106-55
275-Gallon Tote (IBC)	CCT-106-275



Pentra-Clean™ (DC) MULTI-SURFACE, ACID-FREE DAILY CLEANER

Pentra-Clean™ (DC) Daily Cleaner easily removes stains, dirt, grease and grime from concrete, terrazzo, natural stone and tile floor surfaces. This product is easy to use, leaves no film or residue and has a neutral pH with no ammonia, alcohol or acid.

PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCT-107-1
5-Gallon Pail	CCT-107-5
55-Gallon Drum	CCT-107-55
275-Gallon Tote (IBC)	CCT-107-275



COLORFAST™ Stain INTERIOR/EXTERIOR LONG-LASTING STAIN

COLORFAST™ Stain is a chemically reactive, Nano-Lithium® enhanced product that creates beautiful, durable colored concrete. High-solids treatment utilizes lithium densifier to harden and protect both interior and exterior slabs. **COLORFAST™ Stain** is an ideal solution for all construction phases and maintenance projects that require superior and enduring color, as well as protection against UV radiation, water intrusion, aggressive chemicals, abrasion, and corrosion. Comes in nine standard colors; custom colors are available on request (at minimum order quantities). **COLORFAST™ Stain** is low in VOC's, environmentally friendly and has a very low polymer odor.

AVAILABLE COLORS



PACKAGING	
SIZE	PART NO.
1-Gallon Jug	CCF-700-1
5-Gallon Pail	CCF-700-5

CONVERGENT

CONCRETE SEALERS, DENSIFIERS AND CURES FROM THE LEADING NAME IN DENSIFIER TECHNOLOGY

**TO SCHEDULE A LUNCH & LEARN OR REQUEST
THAT AN ENGINEER CONTACT YOU DIRECTLY, VISIT
[ATCEPOXY.COM/CONTACT](https://www.atcepoxy.com/contact)**

