



# HILLYARD CONCRETE DEFENSE®

## Making Professional Coating Results A Reality

Hillyard Concrete Defense changes the way coatings are applied - delivering professional results without the cost of professional application. Traditional coatings, designed for in-house application, often fail because surface preparation is too complicated and labor intensive. Our proprietary primer-based system greatly simplifies prep work - eliminating typical steps like acid-etching, grinding and shot-blasting. Hillyard Concrete Primer chemically bonds the coating to the surface, resulting in a protective shell that looks great and performs well under traffic. Get professional results, get Hillyard Concrete Defense.

### Game-Changing Application System

- Coat bare concrete
- Coat over existing coatings\*
- Safe, no acid etching required
- No grinding or shot blasting
- Test, prep, prime and coat\*\*
- Low odor, low VOC

### Using A Hillyard Concrete Defense System

- Provides stain protection
- Eliminates concrete dusting
- Makes floor cleaning easier
- Improves gloss, increasing brightness and light levels
- Can completely transform concrete surfaces into showroom caliber floors



\* Existing coating must be structurally sound without peeling and have good adhesion to the sub-surface.

\*\* As with all concrete coatings, because concrete composition and condition varies greatly, it is best practice to perform small test patches prior to priming and coating an entire floor. Small test kits are available. Follow all label instructions.

# High Traffic

## HT & HTG Concrete Seal

### Ultimate Protection and Appearance

Transform bare concrete or previously coated concrete floors into showroom caliber floors that deliver the ultimate in protection and appearance. Apply a complete 4-level system as shown below and on the cover, or apply HT or HTG as a single coat over Hillyard Concrete Primer.

- Extreme performance
- 2-part, high solids epoxy resin
- Resistant to hot tires
- Designed for indoor use, low odor
- Dries in 12 hours under normal conditions



Forklift



Power Dollies



Carts



Pedestrian

### Resistance



Very Good

Excellent

Very Good

Very Good

Good

HT Concrete Seal - Clear    HTG Concrete Seal - Gray



Clean Concrete

Primer Coat

HTG Gray Epoxy

Decorative Flakes

HT Clear Epoxy

On The Cover: 1 Coat Concrete Primer, 1 Coat Gray HTG Concrete Seal, Decorative Flakes, 1 Coat Clear HT Concrete Seal

# Medium Traffic




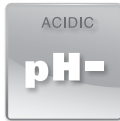
## MT Concrete Seal

### Urethane Enhanced Durability

Clear coat protection enhanced with urethane to provide dust control, excellent gloss, and great durability under pedestrian traffic, cart traffic, and power dolly traffic.

- Urethane acrylic blend
- No-mix single component, water-based low odor formulation
- Dries in 3 hours under normal conditions

### Resistance

 WATER	 SOLVENT	 ALKALINE pH+	 ACIDIC pH-
Very Good	Good	Very Good	Very Good



Power Dollies



Carts



Pedestrian

## Hillyard Concrete Primer

Proprietary acrylic formulation that promotes adhesion by bonding and fusing the top coat seal to the surface.

- Must be used as a system under LT, MT, HT, and HTG seals
- Maintains a slight tack to adhere to surface and top coat seal
- Cures with the top coat to provide a durable, bonded protective coating system



# Light Traffic

## LT Concrete Seal

### Fast-drying Foot Traffic Protection

Fast-drying clear coat protection that provides dust control, excellent gloss, and great durability under pedestrian and hand cart traffic.

- High molecular weight acrylic co-polymer
- No-mix single component, water-based low odor formulation
- Dries in 1 hour under normal conditions

### Resistance



Very Good



Good



Very Good



Very Good



Carts



Pedestrian



## Repel® Penetrating Sealer\*

Designed to not alter surface appearance, Hillyard Repel is a unique, non-silicone formula that provides a sub-surface, transparent protective barrier against water and oil on porous surfaces such as concrete and stone.

- Keeps water and stains at the surface
- Reduces the chance for chipping and cracking caused by freezing water
- Makes it easier to remove stains

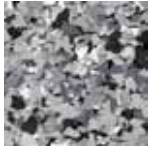
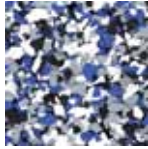
HIL0049706, 4 - 1 Gallon Containers

HIL0049733, 1 - 2.5 Gallon Container

Sub-surface bare concrete and porous stone protection.

\* Not to be used in conjunction with coatings like Hillyard Concrete Primer, LT, MT, HT, and HTG Concrete Seals

# Interior Concrete Seal Systems

Item	Description	One Gallon	Five Gallon
Concrete Primer	Primer coat must be used under LT, MT, HT, and HTG Seals Dries: clear. Approximate coverage: 1,000-1,500 sq. ft./gallon.	HIL0050106 4 - 1 Gallon Containers	HIL0050107 1 - 5 Gallon Pail
HT Concrete Seal Clear	Heavy traffic, 2-part, epoxy resin for extreme durability. Dries: clear. Approximate coverage: 500-600 sq. ft./gallon.	HIL0049306 1 - 1 Gallon Kit	HIL0049307 1 - 5 Gallon Kit
HTG Concrete Seal Gray	Heavy traffic, 2-part, epoxy resin for extreme durability. Dries: gray. Approximate coverage: 300-400 sq. ft./gallon.	HIL0050006 1 - 1 Gallon Kit	HIL0050007 1 - 5 Gallon Kit
MT Concrete Seal	Medium traffic. 1-part, urethane acrylic blend. Dries: clear. Approximate coverage: 500-1,000 sq. ft./gallon.	HIL0049206 4 - 1 Gallon Containers	HIL0049207 1 - 5 Gallon Pail
LT Concrete Seal	Light traffic. 1-part, high molecular weight acrylic co-polymer. Dries: clear. Approximate coverage: 1,000-1,500 sq. ft./gallon.	HIL0049906 4 - 1 Gallon Containers	HIL0049907 1 - 5 Gallon Pail
Decorative Flakes	Polymer color flakes to enhance appearance and compliment decor. Best applied to HTG when wet and over-coated with HT. Pack: 5lbs./Case	HIL22012 - Gray 	HIL22011 - Blue 
Slip Resistant Additive	A unique texture additive that, when added to the FINAL topcoat of Hillyard Concrete Defense Seals HT, or HTG, can reduce the potential for slipping. This product will not change the color of the floor coating. Use on stairs, indoor decks, or walkways, damp or inclined areas that tend to get slippery.		HIL22000 1 - 18 oz. container
Test Kit	Designed to apply small 2'x2' test patches. Contains enough product to apply multiple patches within its one hour pot life. Kit includes: 6 oz. primer, 24 oz. usable seal when Part B is mixed into Part A, small drill mixer, 2 - 3 inch rollers, gloves, and instructions.		HIL0049369/ Clear HIL0050069/Gray

# Crack & Patch Filler, Application Tools

Item	Description	Item #
Crack & Patch Filler Bulk Gray	2-part gray epoxy for filling and repair of large cracks and small holes. For use with a trowel. Two 51 oz. containers mix to make 102 oz. of usable product. Yield: 1.25 sq. ft. at 1 inch deep.	HIL22013
Crack Filler Clear Cartridge	2-part clear epoxy for crack filling. NOT to be used in expansion joints. For use in a standard caulk gun. Yield: 20 lineal feet when drawing a 1/4" x 1/4" bead. 8.4 oz. cartridge.	HIL22014
Roller Kit	Roller bracket, handle, one 3/8" nap roller. 18" wide. For use with Primer, MT, HT, and HTG.	HIL28845
Roller Cover	3/8" nap roller. 18" wide. For use with Primer, MT, HT, and HTG.	HIL28840
Microfiber Refill	Microfiber finish flat mop refill. 18" wide. For use with Primer, and LT.	HIL24332
Microfiber Frame	Frame for microfiber refill. 18" wide. For use with Primer, and LT.	RUBQ560YW
Microfiber Handle	Handle for microfiber frame. 18" wide. For use with Primer, and LT.	RUBQ750YW
Trowel	Disposable trowel for use with bulk crack & patch filler.	HIL30011
Steel Wire Brush	Carbon steel brush, 11 3/8" long, scraper. For use in cleaning cracks prior to repair.	CSM4067100
Spike Shoe Treads	Strap spike shoe treads onto shoes to walk across wet seal to apply decorative flakes.	BTC22599B10
Large Mixer	Large drill mixer for mixing 5 gallon products.	PDC1401
Small Mixer	Small drill mixer for mixing 1 gallon products.	PDC1400

## Concrete Defense Resources

Scan the QR code with your smart phone or go to [hillyard.com](http://hillyard.com) for more information.

- Videos
- Instructions
- FAQ's



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subject to change without notice