



POLYHARD SL

STEP-BY-STEP MANUAL





PERSONAL PROTECTION

It's always recommended to wear the appropriate Personal Protective Equipment (PPE) for the task at hand and follow your employer's safety policy. Commonly known PPE such as safety glasses, gloves, earplugs, respirators, etc, are recommended as needed.

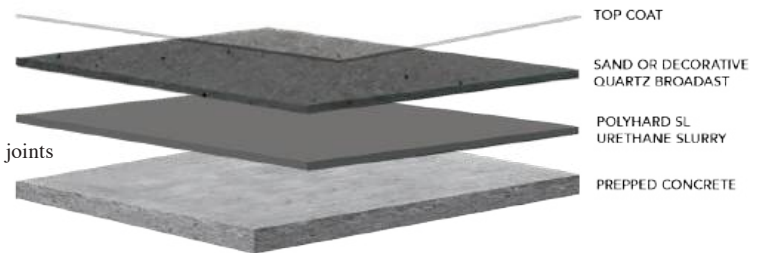
For further information on OSHA requirements, visit <https://www.osha.gov/Publications/osha3151.pdf>

INSTRUCTIONS:

PREP

(For in-depth instructions, see Prep Manual)

- 1 Prep surface to be coated by shot blasting/acid washing, ect...
- 2 Use appropriate TCP repair products to fill holes, cracks & control joints
- 3 Keyhole any open termination points
- 4 Thoroughly clean surface
- 5 Protect surfaces not to be coated using specialty tape, paper, plastic, etc...



APPLICATION

- 1 Set up mix station
- 2 Combine PolyHard Part A and PolyHard Part B while scraping the sides of the bucket, mix for approximately 30 seconds until color conformity
- 3 Add PolyHard Part C, mix approximately for 2 minutes
- 4 Wearing spiked shoes and using a 1/2" notched squeegee or gauge rake spread mixed PolyHard on the floor
- 5 Using a loop roller, backroll for air release and broadcast sand or quartz into wet slurry
- 6 Let dry
- 7 Collect and clean up excess sand or quartz by brooming

OPTIONAL APPLICATION - DECORATIVE

If using a decorative quartz, a double broadcast is needed

- 1 Following the clean up of the initial broadcast, apply 1 coat of desired clear sealer
- 2 Broadcast decorative quartz into wet sealer
- 3 Let dry
- 4 Collect and clean up quartz by brooming

SEALING

Functional Application

- 1 Apply desired colored sealer
- 2 Remove all protective specialty tape, paper, plastic, etc
- 3 Make sure project area is clean, presentable, and free from debris

Decorative Application

- 1 Apply desired clear sealer
- 2 Apply desired top coat (Optional)
- 3 Remove all protective specialty tape, paper, plastic, etc
- 4 Make sure project area is clean, presentable, and free from debris

To learn advanced repair products, techniques, and in-depth methods on this system, go to decorativeconcreteu.com or scan our QR code.



PRODUCTS & COVERAGE

Appropriate Concrete Protector repair products (see prep manual)

SKU:	PRODUCT:	COVERAGE:	DRY TIME:
1 IC-018	PolyHard SL Kit	30-60 sq. ft. per kit	*Dry Time= 7-9 hrs.
2 FK-719	Sand	2 ft. per pound	
3 CQ-BLD - CQ-SLD	Quartz	.75 ft. per pound	

SEALER OPTIONS

SKU:	PRODUCT:	COVERAGE:	DRY TIME:
1 EM-4513	< Super Nova	100-200 sq. ft. per gal.	*Dry Time = 4-8 hrs.
2 UT-4453	< ProtectorThane Clear	100-200 sq. ft. per gal.	*Dry Time = 6-8 hrs.
3 U -4515--UT-4527	# Perfect Poly 90	80-200 sq. ft. per gal.	*Dry Time = 1-2.5 hrs.

* Coverages and dry times vary depending on application techniques and temperature. Estimations are based on 70 degrees, 30 percent relative humidity. For more information, refer to TDS sheets.

> EXTERIOR ONLY
INTERIOR/EXTERIOR
< INTERIOR ONLY

TOOLS

SKU:	TOOL:	SKU:	TOOL:
1 TP-7507	2" Green Specialty Tape	13 TCR-1001 1	8" WTF Top Coat Roller
2 TL-7235	Mixing Tarps	14 RL-4317	Roller End Caps
3 TL-7361-- TL-7365	Asst. Mixing Containers & Cups	15 RL-4309	18" Paint Tray
4 TL-7393, TL-7395	Threaded & Tapered Roller Poles	16 TL-7353, TL-7349	Spiked Shoes
5 RL-4343 2"	Chip Brushes	17 TL-7303	Pail Opener
6 ET-7323	Gloves	18 TL-7103	18" Multi-Use Trowel
7 TL-7127	Large Low Viscosity Wand (for mixing sealer)	19 CT-1035	Cleaning Xylene
8 ET-7261 1/2"	Notched Squeegee	20 CT-1013	Cleaning Acetone
9 TL-7113 24"	Wire Gauge rake	21 WEV- 420	Warrior Vacuum
10 RL-4305 18"	Looped Polymer Cover	22	Leaf Blower/ Push Broom
11 RL-4325, RL-4335, RL-4319	4", 9", or 18" Roller Frames	23	Dustpan
12 RL-4323, RL-4341, RL-4313	4", 9", or 18" 3/8" Nap Roller Covers	24	Variable Speed Drill
		25	5 Gallon Mixing Buckets

COST & PRICING

- 1 Typical Product Cost: \$2.50 - \$3.50 sq. ft.
- 2 Typical Pricing: \$8.00 - \$12.00 sq. ft.

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BENEFITS & FEATURES

- 1 The Concrete Protector's Polyhard SL (Self- Leveling is a low odor, 3 part urethane polymer slurry product with self leveling qualities.
- 2 This extremely heavy duty flooring system is typically applied at 1/8" thickness and is specially formulated to protect against thermal shock, impact, and chemical exposure while providing a durable, high performance floor, while meeting USDA, FDA, and CFIA standards.
- 3 PolyHard SL has a high moisture vapor tolerance. Polyhard SL is a high quality slurry that can be installed from a 1/8" neat system to a 3/16" with a media broadcast (3 to 4.8 mm) thickness. The best and most versatile slurry on the market today!

TIPS & TRICKS

- 1 Higher humidity will cause the material to dry faster.
- 2 If bubbling occurs, stop application and apply a skim coat
- 3 Wait approximately 5-10 minutes before broadcasting sand or quartz.
- 4 If broadcasting too soon, broadcast media can sink and be lost in the wet product.
- 5 While broadcasting, look for "shiny spots" which indicate slurry seeping up through the sand or quartz and apply more broadcast media
- 6 If blotchiness occurs after broadcast clean-up, a double broadcast may be necessary
- 7 Keep edges fresh and wet
- 8 While rolling, leave several feet of unbroadcasted PolyHard as not to create roller lines by rolling wet product on existing broadcast media
- 9 Do not apply at temps below 40F or above 90F
- 10 Do not break kits into smaller batches, only use full kits
- 11 For larger projects, multiple mixers are useful to speed up the application process

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