

General Description

HP1560 Quick Set Epoxy Floor Sealer is a fast-dry, waterborne polyamide sealer for masonry floors. This product can be used as a stand-alone clear finish, by applying two coats, or as a basecoat for high performance floor systems. The waterborne formulation may be applied to most generic coating types without the fear of lifting or wrinkling. This is a two-component product that requires 4.3 parts of the proper "A" component mixed with 1 part of part "B" catalyst. The components are already premeasured to the proper mix ratio. No measuring required. Do not mix partial kits.

- Fast-dry recoat in 5 hours
- Moisture Tolerant
- For bare or previously coated concrete floors

Usage

Quick Set Epoxy Floor Sealer is designed primarily for bare or previously coated concrete floors. Use in traffic aisles, food processing, laboratories, showers, manufacturing facilities, institutional facilities and commercial buildings.

Colours	Clear (00)
Colorant System	Do Not Tint

Technical Data

Vehicle	WB Epoxy	
Volume Solids	31 ± 2%	
Spread Rate	27.9 – 32.5 sq. m.	
Per Gallon	(300 – 350 Sq. Ft.)	
Recommended	Wet:	2.0 – 3.2 mils
Film Thickness	Dry:	1.3 – 2.0 mils

Depending on surface texture and porosity.

Dry Time @ 25 °C (77 °F) @ 50% RH	To Touch:	2 hours
	To Recoat:	5 hours

SERVICE TIME:

Light Industrial Use: 72 hours.

Moderate to Heavy Industrial Use: 5 – 7 days.

Full Cure: 7 days.

High humidity and cool temperatures will result in longer dry, recoat and cure times.

Recoat after 72 hours: Abrade the surface to ensure proper inter-coat adhesion.

Surface Temperature	Min:	7.2 °C (45 °F)
During Application	Max:	32 °C (90 °F)
Viscosity	87 ± 4 KU	
Flash Point	Greater than 93.3 °C (200 °F) (TT-P-141, Method 4293)	
Sheen / Gloss	45 – 50 @ 60°	
Clean Up	Soapy water then HP7040	
Thinner	Do Not Thin	
Mixed Ratio (by volume)	4.3 : 1	
Induction time @ 25 °C (77 °F)	Not required	
Pot Life @ 25 °C (77 °F)	1 hour	
Weight Per Gallon	3.8 kg (8.5 lbs.)	
Storage Temperature	Min:	7.2 °C (45 °F)
	Max:	35 °C (95 °F)
VOC	< 100 g/L	

Surface Preparation

All oil, grease, release agents, curing compounds, concrete hardeners, laitance and other contaminants must be removed before coating. To remove dirt, oil, grease and form release agents, scrub the surface with HP6000 Oil & Grease Emulsifier. Rinse thoroughly with clean water per label directions.

New Concrete and Masonry: All masonry surfaces must be allowed to cure a minimum of 30 days before painting. Acid etch or mechanically abrade all slick, glazed concrete or concrete with laitance. For acid etching, follow ASTM D4260 and manufacturer's directions and safety instructions. Follow ASTM D4259 for creating a surface profile by abrasion. Rinse thoroughly and allow to dry.

Previously Painted Surfaces:

Clean using HP6000 Oil & Grease Emulsifier or solvent washed as outlined above. Dull glossy surfaces by sanding. Remove all loose, flaking or peeling paint prior to application.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by logging onto Health Canada @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>

Limitations

- Do not apply if material, substrate or ambient temperature is below 7.2 °C (45 °F) or greater than 32 °C (90 °F). Relative humidity should be below 90%.

Compliance & Certifications

Meets CISC/CPMA 1-73a and CISC/PMA 2-75 Specifications

Mixing Instructions

This is a two-component product and is pre-proportioned for error free mixing. Mix "A" & "B" separately.

- 1.) Carefully empty the entire contents of HP1560.90 (Part B) into the can of HP1560.00 (Part A), scraping the sides of both parts to ensure all liquid has been added.
- 2.) Using a drill mixer at low speed, blend this mixture for three to five minutes until completely blended. Keep the mixing blade turning at a slow speed to minimize whipping air into material. Scrape sides of pail during the mixing process.
- 3.) Product can be used immediately – No induction time is required.

Pot Life:

1 hour at 25 °C (77 °F)

Technical Assistance

Available through your local authorized independent Benjamin Moore retailer.

call 1-866-708-9180
visit www.benjaminmoore.ca

Application

All new or uncoated surfaces should be coated with one coat of HP1560 applied by a notched squeegee and then back rolled or back brushed at a spread rate of approximately 27.9 – 32.5 sq. m. (300-350 sq. ft.) per 3.79 L. If the floor is shot blasted, use a straight blade squeegee and back roll. Do not allow product to puddle. Re-roll to eliminate any puddles.

Brush: Synthetic Bristle only

Roller: Industrial Cover with Phenolic core with a 6.35 mm to 12.7 mm ($\frac{1}{4}$ " – $\frac{1}{2}$ ") nap.

Where non-skid characteristics are desired, hand broadcast an appropriate anti-slip aggregate into the wet film then back-roll to encapsulate.

Clean Up

Wash brushes, rollers, and other painting tools with warm, soapy water followed by HP7040 immediately after use.

Environmental Health & Safety Information

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Use only outdoors or in a well-ventilated area. Wear protective gloves/clothing and eye/face protection.

CAUTION: All floor coatings may become slippery when wet. Where non-skid characteristics are desired, use an appropriate anti-slip aggregate.

**PROTECT FROM FREEZING
FOR PROFESSIONAL USE ONLY**

**Refer to Safety Data Sheet for additional health
and safety information.**