



General Description

HP4300 100% Solids Epoxy is a two-component, high-build epoxy. It is formulated for use as a one or two coat application on interior concrete floors subjected to heavy traffic and aggressive chemicals.

- Self-leveling
• Heavy-duty floor coating
• High-build gloss finish
• Ideal for shot-blasted and scarified floors

Usage

HP4300 100% Solids Epoxy Floor Coating is designed for use on bare or previously coated concrete – interior floor applications only.

Table with 2 columns: Color, Colorant System. Rows include Clear (00), White (01), Terracotta (22), Sandstone (52), Silver Gray (70), Battleship Gray (75), and Do Not Tint.

Technical Data

Table with 2 columns: Property, Value. Rows include Resin (Epoxy), Pigment (Titanium Dioxide), Volume Solids (99 ± 2%), Spread Rate (100-150 Sq. Ft.), Film Thickness (10-15 mils), Dry Time (6 hours), Service Time (24 hours), Surface Temperature (50-100 F), Viscosity (93 ± 4 KU), Flash Point (200 F), Sheen (80+ @ 60°), Clean Up (HP7040), Thinner (Do Not Thin), Mixed Ratio (2:1), Induction time (NA), Pot Life (30 minutes), Weight Per Gallon (11.0 lbs.), Storage Temperature (45-95 F), VOC (26.4 g/L).

Surface Preparation

Surfaces must be clean, dry and free of all grease, dirt, dust, oil and wax. Clean all surfaces using HP6000 Oil & Grease Emulsifier. Remove all remaining loose paint, rust and mill scale via Hand Tool Cleaning (SSPC-SP 2) or Power Tool cleaning (SSPC-SP 3).

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.

Application

SQUEEGEE APPLICATION:

When using a smooth/notched blade squeegee spread the ribbon of poured material by pulling the squeegee toward the applicator and spread material at a rate not to exceed 150 square feet per gallon.

ROLLER APPLICATION:

Using a quality phenolic core cover, between 3/8" and 1/2" nap size, gently spread the ribbon of poured material by lightly working the material back and forth until even. Avoid overworking material; allow product to flow out and self-level.

Not intended for use on vertical surfaces.

Compliance & Certifications

Table with 2 columns: Certification, Status. Rows include FEDERAL, OTC, OTC II, CARB02, CARB07, CARB19, UTAH, AZMC, SCAQMD, Eligible for LEED v4, CDPH Emissions Certified, Eligible for CHPS low emitting credit.

Suitable for Use in USDA Inspected Facilities

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 HP4300.90 Part B catalyst into the can of HP4300 Part A component resin.
2.) Using a drill mixer at low speed, blend this mixture for three to five minutes until completely blended.
3.) Do not allow to induct – use immediately after mixing

Pot Life: 30 minutes at 77 °F (25 °C)

Limitations

- The area should be maintained at a minimum surface and ambient air Temperature of 50 °F and a maximum of 100 °F throughout the entire recommended dry time.
• Not intended for use on vertical surfaces.
• Interior floor applications only.

Technical Assistance

Available through your local authorized independent Benjamin Moore retailer.

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

## Clean Up

Wash brushes, rollers, and other painting tools with HP7040 immediately after use.

CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)	
Fresh Water	Excellent
Salt Water	Excellent
Acids	Good
Alkalis	Good
Solvents	Excellent
Fuel	Good
Acidic Salt Solutions	Excellent
Alkaline Salt Solutions	Excellent
Neutral Salt Solutions	Excellent

TEST DATA	
Steam Resistance	Yes
Dry Heat Resistance	300 °F
Wet Heat Resistance	150 °F
Adhesion (ASTM D3359)	Pass 5B
Accelerated Weathering (ASTM G53)	500 hours, no change
Abrasion Resistance (ASTM D4060) CS-17 Wheel, 1000g load	0.06 g loss after 1000 cycles
Compression Strength (ASTM C-579)	11,500 psi

### Colors

Part A	HP4300.XX	1.33 gal. (short-filled 2 gal. can)	Total Yield 2 gallons
Part B	HP4300.90	0.66 gal. (short-filled 1 gal. can)	

Part A	HP4300.XX	3.33 gal. (short-filled 5 gal. can)	Total Yield 5 gallons
Part B	HP4300.90	1.67 gal. (short-filled 2 gal. can)	

### Clear

Part A	HP4300.00	1.1 gal. (short-filled 2 gal. can)	Total Yield 1.76 gallons
Part B	HP4300.90	0.66 gal. (short-filled 1 gal. can)	

Part A	HP4300.00	2.75 gal. (short-filled 5 gal. can)	Total Yield 4.42 gallons
Part B	HP4300.90	1.67 gal. (short-filled 2 gal. can)	

The components are already premeasured to the proper mix ratio.  
Do not mix partial kits.

## Environmental Health & Safety Information

May cause an allergic skin reaction

May cause genetic defects

May cause cancer

Suspected of damaging fertility or the unborn child

May cause damage to organs through prolonged or repeated exposure

Flammable liquid and vapor

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Do not breathe dust/fume/gas/mist/vapors/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use only non-sparking tools. Take action to prevent static discharges.

IF exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

Storage: Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents/container to an approved waste disposal plant.

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

**IMPORTANT:** Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.

**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 contacting the National Lead Informational Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).



**WARNING** Cancer and Reproductive Harm— [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)  
Refer to the product label & Safety Data Sheet for product specific information.

**IN CASE OF SPILL** – Absorb with inert material and dispose of as specified under “Clean Up”.

### FOR PROFESSIONAL USE ONLY

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