

BLACK AMAZITE

Industrial Resin & Aggregate Flooring System

PRODUCT DESCRIPTION

Black Amazite is a 100% solids epoxy resin and aggregate flooring system which is installed at a minimum thickness of 1/8 Inch >1 Inch for flooring.

Black Amazite 1/8 Inch Overlay >1 Inch Mortar System is a two-component surfacing system that is one of the performance-proven workhorses of the Hallemitte line. It is ideal for heavy-duty industrial resurfacing and new construction where a decorative appearance is not required and is especially suitable for areas subject to steel-wheeled traffic. It provides excellent anti-slip characteristics, long wear and good chemical resistance. It requires no topcoat, is easy –to-trowel and self-leveling. Black Amazite is a truly economical, long-lasting surfacing system. Like all Hallemitte products, Black Amazite is a 100% solids (no-solvent resin and hardener) system that outwears concrete 3:1 and meets or exceeds FDA and USDA standards and OSHA standards for non-slip surfaces.

Black Amazite 1/8 Inch Overlay >1 Inch Mortar System is a durable and moderately chemical resistant flooring system. This industrial flooring system is ideal for most light, medium and heavy duty industrial installations where a durable, seamless, chemical resistant system is required.

TYPICAL APPLICATIONS

- Textile Plants
- Indoor Parking Structures
- Warehouses
- Animal Breeding Facilities
- Loading Docks
- Stairs and Ramps
- Control Joints
- Use as a Coating on Ceilings and Walls

ADVANTAGES

- Meets or Exceeds USDA, FDA and OSHA Requirements
- Economical Filler and Sloping Material
- Ideal for Leveling and Sloping
- Can be Installed 1/8 Inch to 1 Inch Thick
- Resistant to Algae, Fungi, Mildew & Mold (*does not promote bacterial growth*)
- Resistant to Mechanical Wear
- Durable and Long Lasting
- Restores Old Floors
- Protects New Floors
- Slip Resistant
- Resistant to UV Degradation, but will Amber

PRODUCTS REQUIRED

Black Amazite 1/8 Inch Overlay >1 Inch Mortar System is comprised of:

- | | |
|-----------------------------------|-------------------|
| Primer | HEF Black Amazite |
| Bondcoat | HEF Black Amazite |
| Mortar Aggregate | Aggregate Blend |
| Optional Groutcoats and Topcoats: | |
| 1. HEF Black Amazite | |

NOTE: Primer recommended on concrete to avoid “out-gassing” (air bubbles) related problems associated with porous concrete.

PRODUCT INFORMATION

Mix Ratio	A:B	1:1
Color	Resin	Clear Pale Yellow
	Hardener	Black
Viscosity	Mixed	1,000 cps
Potlife		60 Minutes
Packaging	Unit Sizes	2 Gal Kit (1A:1B)
		10 Gal Kit (5A:5B)
Storage Temperature		55°F to 90°F
Shelf Life		1 Year
Unopened Containers		From Mfg Date
VOC		Zero

TYPICAL PHYSICAL PROPERTIES

@ 75°F (23°C)

Physical Properties	Test Method	Result
Tensile Strength, (Resin) min.	ASTM D 638	5,500 psi
Compressive Strength	ASTM D 579	9,500 psi
Flexural Strength, min	ASTM C 580	4,000 psi
Bond Strength, min.	ASTM D 4541	>400 psi
Impact Strength	ASTM D 279A	90 in-lbs
Abrasion Resistance	ASTM D 4060 Taber Abrader C 17 1000 gram load, 1000 cycles	0.06 gr
Water Absorption	ASTM C 413	0.3%
Antimicrobial Resistance	ASTM G 21	Passes

CHEMICAL RESISTANCE

Chemical Resistance Immersion 7 Day
ASTM D 1308

(See Hallemite Chemical Resistance Guide)

SLIP RESISTANCE & CLEANABILITY

Normally, the smoother the finished surface, the easier the coating or flooring system is to clean. The more aggressive or textured systems offer a greater degree of skid inhibition, but are usually more difficult to clean.

CLEANING AND DISINFECTING

Cleaning and disinfecting compounds and cleaning techniques may affect the color, gloss, or texture of a polymer coating or flooring system. As a precautionary step, Hallemite recommends that the end user test the cleaning and disinfecting compounds on a sample or small finished area utilizing the intended cleaning technique prior to cleaning the entire surface area.

If no deleterious effects are observed, the procedure can be continued. However, if the cleaning and disinfecting compounds or cleaning technique damage the color, gloss, or texture, modification of the materials and/or procedures are required.

Contact the Company's Technical Service Department for more information.

LIMITED WARRANTY (abridged)

Neither seller nor manufacturer has any knowledge or control concerning the purchaser's use of the system or product. No express warranty is made by the seller or manufacturer with respect to the results of any use of the product. NO IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO AN IMPLIED WARRANTY OF MERCHANTABILITY, OR AN IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE MADE WITH RESPECT TO THIS SYSTEM or PRODUCT. Neither seller nor manufacturer assumes any liability for personal injury, loss, or damage resulting from the use of this product. In the event that the product shall prove defective, buyer's exclusive remedy shall be as follows: Seller or manufacturer shall, upon written request of buyer, replace any quantity of the system or product which is proven to be defective, or shall, at its option, refund the purchase price for the system or product upon return of the system or product.

(See Hallemite Price Schedule for full limited warranty)

SPECIAL NOTE: The Company reserves the right to alter or discontinue the system/product described herein at any time without prior notice.

QUESTIONS?

For questions on product availability or to obtain installation instructions, contact the RBC Industries, Hallemite Products Sales Department.

KEEP OUT OF REACH OF CHILDREN BEFORE AND DURING PLACEMENT