

BLACK AMAZITE FLOORING

HALLEMITE

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09700/HAL

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Hallemit Black Amazite Flooring is a seamfree, two-component system that is one of the performance-proven workhorses of the Hallemit line. It is ideal for heavy-duty industrial resurfacing and new construction where a highly decorative appearance is not required. It provides excellent anti-slip characteristics, good chemical resistance, and is extremely long-wearing. Requiring no top-coat, Black Amazite is a truly economical, long-lasting surfacing system which is tailored for warehouse floors, loading docks and ramps, concrete repair and a variety of industrial applications (see usage chart). **Hallemit Black Amazite is a 100% solids (no-solvent resin and hardener) system that outwears concrete 3:1 and meets or exceeds FDA, USDA, and OSHA standards for non-slip surfaces.**

MECHANICAL PROPERTIES

Compressive Strength: ASTM C-579 7 days @ 77°F - 9,500 psi

Flexural Strength: ASTM C-580 7 days @ 77°F - 2,080 psi

Impact Strength: ASTM D 279 - Gardner tube falling cylinder 90 in-lbs.

Bond Strength: Higher than tensile strength of good quality concrete (400 psi)

Water Absorption: ASTM C 413 7 days @ 77°F - 0.03%

Tack Free Time: 6.5 hours @ 77°F

Thermal Shock: Passed 3 cycles - 48 hours @ 10°F, 3 mins. @ 212°F, shockwater @ 33°F

Shore "D" Hardness: 60 @ 24 hours, 75 @ 7 days

CHEMICAL RESISTANCE (Based on 7 day Total Immersion Test)

The surface is resistant to immersion in these substances:

Ammonium Hydroxide

Citric Acid 10%

Ethyl Alcohol 95%

Formaldehyde 3%

Heavy Duty Detergent

Hydrochloric Acid 37%

Hydrogen Peroxide 28%

Isooctane

Potassium Super Oxide

Soap 5%

Sodium Carbonate 20%

Sodium Chloride 10%

Sodium Hydroxide 60%

Sulfuric Acid 30%