

## Basalite Heavy Weight CMU

**Description:** Heavy Weight Concrete Block produced by Basalite Concrete Products in DuPont; Washington is manufactured per ASTM C 90 the Standard Specification for Loadbearing Concrete Masonry Units. When tested in accordance with ASTM C 140 the concrete block exceeds the physical requirements for "Normal Weight" concrete block as defined in ASTM C 90.

Heavy Weight CMU units are composed of ASTM C 33 "Normal Weight Aggregates", ASTM C 595 Type 1L Portland Limestone Cement. These units also contain a carefully blended number of chemical admixtures to help reduce efflorescence and increase strength.

**Uses:** Basalite Heavy Weight CMU block are capable of being used where required and conform to all state and federal building codes for load bearing concrete masonry units.

Please consult local construction regulations as well as the International Building Code for wall design and building criteria.

**Technical Data:** Test results were provided by the National Concrete Masonry Association, and Mayes Testing and Engineers.

	<u>ASTM C 90</u>	<u>Actual</u>
Compressive Strength:	> 1900 psi	4240
Absorption (PCF):	< 13 PCF	8.8
Density:	> 125 PCF	135.2
Linear Shrinkage	< .065%	0.044%

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**LEED Information:**

Provided the jobsite is within 500 miles of Dupont Washington, Geowall block will qualify for LEED Credit 5.1, and a portion will qualify for 5.2 of the regional materials credits.

Regional Materials

Manufactured	Mined
100.0%	91.0%

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**Safety Precautions:**

Normal safety wear used to handle conventional concrete-based products such as gloves, dust mask and safety glasses should be worn. Take special care when saw cutting to avoid inhalation of dust. Material Safety Data Sheets are available upon request.

**HMIS III:**

<b>Health</b>	<b>0</b>
<b>Flammability</b>	<b>0</b>
<b>Hazard</b>	<b>1</b>
<b>Personal Protection: B</b>	<b>1</b>