



Basalite MWR CMU GF / PR / SF

Description: Medium Weight Repellent 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 these blocks exceed the physical requirements for concrete block as defined in ASTM C 90.

Medium Weight Repellant (MWR) CMU units are composed of ASTM C 33 "Normal Weight Aggregates", ASTM C 595 Type 1L Portland Limestone Cement, and ASTM C 979 Iron Oxides for integral color. These units also contain a carefully blended Number of chemical admixtures to help reduce efflorescence, increase strength, and provide water penetration resistance.

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

All Basalite MWR CMU block are intended to be used with Basalite Type S WR Mortar to form a water resistant single wythe masonry wall as tested per ASTM E514 by the NCMA.

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

Technical Data:

	<u>ASTM C90</u>	<u>Actual</u>
Compressive Strength:	> 2000 psi	> 3400 psi
Absorption (PCF):	< 15 PCF	9 PCF
Density:	< 125 PCF	121.5
Linear Shrinkage	< .065%	0.055%

LEED Information:

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

Regional Materials

(By Weight)

Manufactured	Mined
100.00%	91.00%

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:

Health	0
Flammability	0
Hazard	1
Personal Protection: B	1