



Basalite HW Concrete Brick

Description:

Concrete Brick produced by Basalite Concrete Products in DuPont, Washington is manufactured per ASTM C 55 the Standard Specification for Concrete Brick and ASTM C 139 the Standard Specification for Concrete Masonry Units for Construction of Catch Basins and Manholes. When tested in accordance with ASTM C 140 the concrete brick exceeds the physical requirements for concrete brick as defined in ASTM C 55 and ASTM C 139.

Basalite HW Concrete Brick are composed of ASTM C 33 "Normal Weight Aggregates", ASTM C 150 type 1L Portland Limestone Cement and a blend of admixtures to enhance the strength and density of the block.

Uses:

Basalite Concrete Brick are capable of being used where required and conform to all state and federal building codes for concrete brick.

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

Technical Data:

Test results were performed by an NCMA certified Concrete Masonry Testing Technician.

	Oven Dry Density (PCF)	Maximum Absorption (PCF)	Compressive Strength (PSI)	Linear Shrinkage
Light Weight:	Less Than 105	18	2500	0.065%
Medium Weight:	105 - 125	15	2500	0.065%
Normal Weight:	125 or Higher	13	2500	0.065%
Actual:	135.4 PCF	8.3	4880	0.044%

LEED Information: Provided the jobsite is within 500 miles of DuPont Washington, Basalite Concrete Brick will qualify for LEED Credit 5.1, and a portion will qualify for 5.2 of the regional materials credits.

<u>Regional Materials</u>	
Manufactured	Mined
100.0%	96.8%

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 irhalation of dust. Safety Data Sheets are available upon request.

HMIS III:

Health	1
Flammability	0
Hazard	
Personal Protection: E	1