

## Basalite Geowall

### Description:

Geowall Pro, Max, and Max II block produced by Basalite Concrete Products in DuPont; Washington are manufactured per ASTM C 1372 the Standard Specification for Segmental Retaining Wall Units. These SRW units exceed the physical requirements defined in ASTM C 1372 and comply with the Washington State Department of Transportation Standards Specification Manual Section 6-13.3(4).

These segmental retaining wall units are composed of ASTM C 33 “Normal Weight Aggregates”, ASTM C 595 type IL Portland Limestone Cement and a blend of admixtures to enhance the strength and density of the block.

### Uses:

Basalite Geowall block can be used to enhance the esthetics of a yard or landscape as well as provide slope stabilization and earth retention.

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.

|                       | ASTM C     |            |           |
|-----------------------|------------|------------|-----------|
|                       | 1372       | WSDOT      | Actual ** |
| Compressive Strength: | > 3000 psi | > 4000 psi | 6610 psi  |
| Absorption (PCF):     | < 13 PCF   | N/R        | 6.0 PCF   |
| Absorption (%):       | N/R        | < 7.0 % *  | 4.2%      |
| Freeze Thaw:          | < 1.5 %    | < 1.0 %    | 1.0%      |

\* WSDOT allows a maximum of 1 % absorption over a lot of blocks tested for freeze thaw per ASTM C 1262

\*\* Results are based off of Testing performed by the National Concrete Masonry Association

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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.

| <u>Regional Materials</u> |       |
|---------------------------|-------|
| Manufactured              | Mined |
| 100.0%                    | 96.5% |

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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:

|                        |   |
|------------------------|---|
| Health                 | 1 |
| Flammability           | 0 |
|                        |   |
| Personal Protection: E | 1 |

The HMIS III hazard diamond is a large, light gray octagon with a white center. The hazard information is presented in a table within the center. The 'Health' row has a blue background and a white box with the number '1'. The 'Flammability' row has a red background and a white box with the number '0'. The 'Personal Protection: E' row has a white background and a white box with the number '1'. The bottom row is empty. A registered trademark symbol (®) is located at the bottom right of the diamond.