



**Description:** Basalite Concrete is a ASTM C 387 Pre Blended Packaged Concrete. All Basalite Concrete is designed to provide enhanced workability and is suitable for all new construction and concrete repair applications.

Basalite Concrete is manufactured with ASTM C 150 Type I-II Portland Cement, ASTM C 989 Slag Cement and ASTM C 33 "Normal Weight" aggregates

**Uses:** Basalite Concrete is recommended for the construction or repair of foundations, floors, retaining walls, sidewalks, patio slabs, driveways, setting posts and wherever concrete is desired in more than 2 inch thick applications.

**Packaging:** Basalite Concrete is available in 40 lb, 60 lb, 80lb, and 90 lb bags. Please inquire for custom packaging needs.

**Technical Data:** The data listed below is a representation of typical values achieved under controlled laboratory conditions when tested according to ASTM C 387. Actual results obtained in the field may vary.

	<u>C 387 Req.</u>	<u>Actual</u>	
Slump	2-3 Inches	3 Inches	
7 Day Strength	2,500 psi	2,930 psi	
28 Day Strength	3,500 psi	4,870 psi	
Unit Weight	N/A	146.0 PCF	
Air Content	N/A	2.4%	
	<u>40 lb Bag</u>	<u>60 lb Bag</u>	<u>90 lb Bag</u>
Water Addition <i>(Recommended Per Bag)</i>	.37-.42 Gal	.55-.63 Gal	.82-.93 Gal
Yield	.30 Cu Ft.	.44 Cu Ft.	.66 Cu Ft

**Mixing Tips:**

Follow the appropriate guidelines for concrete finishing and concrete construction established by the International Building Code and the American Concrete Institute.

Use only clean, potable water for mixing

Use only enough water to achieve a workable consistency that is easily placed and finished. Over watering a concrete mix will severely decrease the compressive strength and negatively impact the finishing characteristics of the mix.

Not intended for use in temperatures less than 40 degrees or greater than 90 degrees. Special considerations should be made for "hot" or "cold" weather construction.

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**LEED Information:**

Slag Cement is classified by the USGBC (United States Green Building Council) as a pre-consumer recycled material and will help qualify for LEED Credit 4.1, and 4.2.

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

Regional Materials  
(By Weight)

89.4%

Recycled Material  
(By Weight)

3.6%

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**Safety Precautions:**

Basalite Concrete contains Portland Cement. Normal safety wear used to handle conventional cement-based products such as rubber gloves, dust mask and safety glasses should be worn. Material Safety Data Sheets are available upon request.