

## Basalite Mortar Types S, N, & M

**Description:** Basalite Mortar is an ASTM C 270 and ASTM C 1714 Pre-Blended Packaged Cement-Lime Mortar. All Basalite Mortars are designed to provide enhanced workability, to allow for superior craftsmanship and finishing of concrete masonry, brick, or stone veneer.

Basalite Mortar is manufactured with ASTM C 595 Type 1L Portland Limestone Cement, ASTM C 207 Type S Hydrated Lime and ASTM C 144 Mason Sand.

**Uses:** Basalite Mortar is ideal for all masonry applications including the following:

- Concrete Block
- Concrete Brick
- Clay Bick
- Colored Masonry
- Glass Block
- Stone Veneer

**Advantages:**

- Economical
- Pre-blended
- Enhanced Workability
- Increased productivity
- Increased Bonding
- High Strength (M)

**Technical Data:** The data listed below is a representation of typical values achieved under controlled laboratory conditions when tested according to ASTM C 270. Actual results obtained in the field may vary.

	Type S		Type N		Type M	
	C 270 Req.	Actual	C 270 Req.	Actual	C 270 Req.	Actual
28 Day Strength (Psi)	1800	2330	750	1320	2500	3250
Water Retention	> 75 %	91.0%	> 75 %	93.0%	> 75 %	95.0%
Air Content	< 12 %	1.2%	< 12 %	1.8%	< 12%	8.1%

**Mixing Tips:**

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

Use only clean, potable water for mixing

Use enough water to achieve a workable consistency that is easily trowelled and re-temper the mix as required to maintain the consistency.

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:**

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

There is no Pre, or Post - Consumer recycled material content in Basalite Mortar

	<u>Type S</u>	<u>Type N</u>	<u>Type M</u>
Regional Materials (by weight)	74%	76%	71%

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**Packaging:**

Basalite Mortar is pre-package in 80 lb. bags or 3000 lb. bulk bags. Please inquire for custom colors and packaging.

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**Safety Precautions:**

Basalite Mortar contains Portland Cement, Type S Hydrated Lime, and other carefully selected additives. 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.

**HMIS III:**

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