

**DESCRIPTION:** TYPE 'S' is a pre-blended product combining Type GU Portland Cement, Type 'S' hydrated lime and mortar enhancing admixtures. TYPE 'S' is designed to conform to the requirements of CSA A 8-98 and will produce Type 'S' mortar conforming to CSA A 179-94. TYPE 'S' CEMENT provides superior bond and compressive strength characteristics for use in mortars or stucco.

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**USES:** TYPE 'S' is ideal for all high strength cement/lime mortar and stucco applications:

- concrete block
- concrete brick
- clay brick
- stucco scratch coat
- coloured masonry
- glass block

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**ADVANTAGES:** TYPE 'S' offers the following advantages:

- economical
- high strength
- increased bonding
- superior workability
- quality controlled
- increased productivity

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**PROCEDURES:**

1. **PREPARATION:**  
For best results, TYPE 'S' should be mixed with a clean mortar mixer. Use only potable water.
2. **MIXING:**
  - i) Add 3/4 of water required into mixer.
  - ii) Add one half of the sand required.
  - iii) Add all the TYPE 'S' required.
  - iv) Mix briefly.
  - v) Add the balance of the required sand and water to bring the mortar to the desired consistency.
  - vi) Mix 3 to 5 minutes.

Note: In order to produce a 'Type S' mortar follow the guidelines for proportions outlined in CSA A 179-94.

**TECHNICAL DATA:** The data outlined below is representative of typical values achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated. Mix proportions as per CSA A 179-94.

<u>TEST</u>	<u>TEST METHOD</u>	<u>TYPE S</u>
Flow:	CSA A 179 - 94	100 - 115 %
Period of Workability		1 hour
Air Content		12 - 18 %
Compressive Strength	CSA A 179 - 94	
7 - days	Lab prepared	7.5 MPa
	Job prepared	5.0 MPa
28 - days	Lab prepared	12.5 MPa
	Job prepared	8.5 MPa
Flexural Bond Strength	CSA A 179 - 94	0.25 MPa
Water Retention	CSA A 179 - 94	85 - 95 %
Density: kg/m <sup>3</sup> (pcf)		1812 (113)
Yield: 30 kg (66 lb.) bag	Blended Type 'S'	0.294 m <sup>3</sup> (3.17 ft <sup>3</sup> )

**PACKAGING:** TYPE 'S' is packaged in 30 kg (66 lb.) triple-lined paper bags.

All Basalite Dry Mix can be custom-packaged to suit specific project requirements.

**SAFETY PRECAUTIONS:** TYPE 'S' contains Portland cement and other carefully selected additives. Normal safety wear such as rubber gloves, dust mask and safety glasses used to handle conventional cement-based products should be worn. Material Safety Data Sheets are available upon request.

Liability for damages or defective goods shall be limited to the refund of the purchase price or product replacement.