

DESCRIPTION:

Basalite Type 'S' Cement is a pre-blended product combining Portland Cement, hydrated lime and mortar enhancing admixtures. Type 'S' Cement is designed to conform to the requirements of CSA A3000 and will produce Mortar Type 'S' conforming to CSA A179. Type 'S' Cement provides superior bond and compressive strength characteristics for use in mortars or stucco.

USES:

Type 'S' Cement 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

ADVANTAGES:

Type 'S' Cement offers the following advantages:

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

PROCEDURES:

PREPARATION: For best results, Type 'S' Cement should be mixed with a clean mortar mixer. Use only potable water.

MIXING: Add 3/4 of water required into mixer. Add one half of the sand required. Add all the TYPE 'S' Cement as required. Mix briefly. Add the balance of the required sand and water to bring the mortar to the desired consistency. Mix 3 to 5 minutes.

Note: In order to produce a 'Type S' mortar follow the guidelines for proportions outlined in CSA A179.

TECHNICAL DATA:

The data outlined below is representative of typical values for mortar prepared using Type S Cement achievable under controlled laboratory conditions. Results obtained in the field may vary from those stated. Mix proportions as per CSA A179.

	TEST METHOD	MORTAR 'TYPE S'
Flow	CSA A3004-C1	110 ± 5%
Board life		1 hour
Air content		12-18 %
Density: kg/m ³	CSA A3004-C4	1812
Yield: kg/m ³ per 30kg bag(66lb bag)		0.294
Water Retention	CSA A3004-C3	85-95 %
Flexural Bond Strength (min):	CSA A3004-C9	0.25 MPa
Compressive Strength (MPa):		
7-days	CSA A3004-C2	7.5
28-days		12.5

PACKAGING:

Type 'S' Cement is packaged in 30kg (66lb.) triple-lined paper bags. All Basalite Dry Mix can be custom-packaged to suit specific project requirements.

SAFETY PRECAUTIONS:

Type 'S' Cement 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. Safety Data Sheets are available at www.basalite.ca.

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