



## **BASALITE TYPE S or N MORTAR**

HIGH STRENGTH, LIME BASED TYPE S AND N MORTAR

**DESCRIPTION:** BASALITE TYPE S/N MORTAR is a blend of Portland cement, Type "S" lime and fine sand, packaged in 80 lb and 3000 lb ready to use bags. BASALITE MORTAR MIX is designed to meet ASTM C 270 and C 387 for Type S or Type N mortar as specified with only the addition of water.

---

**USES:** BASALITE TYPE S/N MORTAR is ideal for all high strength cement/lime mortar applications:

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

**ADVANTAGES:** BASALITE TYPE S/N MORTAR offers the following advantages:

- economical
  - high strength
  - superior workability
  - no site preblending (water is the only additive)
  - quality controlled
  - increased productivity
  - increased bonding
- 

- PROCEDURES:**
1. **PREPARATION:**  
For best results, BASALITE TYPE S/N MORTAR should be mixed with a clean mortar mixer. Use only potable water.
  2. **MIXING:**
    - i) Add 3/4 of water required into mixer
      - add BASALITE TYPE S/N MORTAR and mix together
    - ii) Add the remaining water required to bring the mortar to the desired consistency.  
  
Mix 3 to 5 minutes.
    - iii) Maximum recommended water per 80 lb bag = 6.5 quarts  
Over watering will result in reduced compressive strength and inferior physical properties.
    - iv) In cold weather, use warm water to accelerate the set. Protect from freezing. Use when temperature is above 40° F and rising.

## BASALITE TYPE S OR N MORTAR

PAGE 2

### 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.

| <u>TEST</u>           | <u>TEST METHOD</u> | <u>TYPE S</u>        | <u>TYPE N</u>        |
|-----------------------|--------------------|----------------------|----------------------|
| Flow:                 | ASTM C 270         | 105 - 115 %          | 105 - 115 %          |
| Period of Workability |                    | 1 hour               | 1 hour               |
| Compressive Strength  | ASTM C 270         |                      |                      |
| 7 - days              |                    | 1200 Psi (8.3 MPa)   | 500 Psi (3.4 MPa)    |
| 28 - days             |                    | 1800 Psi (12.4 MPa)  | 750 Psi (5.2 MPa)    |
| Water Retention       | ASTM C 270         | 75 % Minimum         | 75 % Minimum         |
| Yield: 80 lbs         |                    | 0.72 ft <sup>3</sup> | 0.71 ft <sup>3</sup> |

| <u>Sack Size</u> | <u>Approximate # of Units Layed</u> |              |
|------------------|-------------------------------------|--------------|
|                  | <u>8" Block</u>                     | <u>Brick</u> |
| 80 lb            | 14                                  | 48           |
| 300 lb           | 540                                 | 1800         |

---

### PACKAGING:

BASALITE TYPE S/N MORTAR is packaged in 80 lb paper bags, and 3000 lb bulk bags.

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

---

### SAFETY PRECAUTIONS:

BASALITE TYPE S/N MORTAR 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.

01/08