

DESCRIPTION:

MORTAR-TEK™ is a blend of Portland cement, hydrated type S lime and fine sand, packaged in 30 kg and 1360 kg ready to use bags. MORTAR-TEK® is designed to meet CSA-A179 for Type S or Type N mortar as specified with only the addition of water.

USES:

MORTAR-TEK™ is ideal for all high strength cement/lime mortar applications:

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

ADVANTAGES:

MORTAR-TEK™ offers the following advantages:

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

PROCEDURES:

PREPARATION: For best results, MORTAR-TEK™ should be mixed with a clean mortar mixer. Use only potable water.

MIXING:

Add 3/4 of water required into mixer. Include MORTAR-TEK™ and mix together. Add the remaining water required to bring mortar to the desired consistency. **Always add the entire content of the bag in the mixer.** Mix 3 to 5 minutes.

Follow the same mixing procedure to maintain consistency throughout the entire job.

Maximum recommended water per 30 kg (66 lbs.) bag is 5.0 liters.

LIMITATION:

Do not use more than the maximum recommended amount of water for mixing. Over watering will result in reduced strength and inferior physical properties.

Re-tampering coloured mortar may affect colour consistency. Follow hot/cold weather procedures at temperatures below 5°C and above 27°C.

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>TYPE S</u>	<u>TYPE N</u>
Flow	110 ± 5%	110 ± 5%
Board life	1 hour	1 hour
Air content	12-18 %	12-18 %
Compressive Strength		
7-days	7.5 MPa (min)	3.0 MPa (min)
28-days	12.5 MPa (min)	5.0 MPa (min)
Flexural Bond Strength	0.25 MPa (min)	N/A
Water Retention	85-95 %	75-90 %

Approximate number of units per Sack

<u>Sack Size</u>	<u>(20cm STD Block)</u>	<u>(8x4x2 Brick)</u>
30 kg	12	30
1360 kg	560	1320

CURING:

Apply fog spray as required so that the surface water may not be lost quickly.

PACKAGING:

MORTAR-TEK™ is packaged in 30 kg (66 lbs) triple-lined paper bags. Bulk bag packaging is available upon request. All Basalite Dry Mix can be custom-packaged to suit specific project requirements.

SAFETY PRECAUTIONS:

MORTAR-TEK™ 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 Sheet is available upon request.

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