

MortarLife™

Additive for Extending the Working Time of Mortar

Description

MortarLife is an additive that provides extended working time to jobsite-mixed mortar. MortarLife can be used with Portland cement/lime mortars and proprietary mortar and masonry cements. In addition to retarding the set time of mortar, MortarLife will enhance the workability of mortar. MortarLife is particularly effective in warm weather, extending board life for several hours thus reducing mortar waste and the need for retempering.

Approvals

Complies with CSA Standard A179

Limitations

Minimum temperature for application is 1° C. Excessive humidity or high moisture content of masonry units will slow the set time of mortars modified with MortarLife. Do not use with saturated units. Do not overdose MortarLife as early strength may be adversely affected.

Addition Rates:

1. Suggested addition rates for Portland cement/lime mortars:

Combined Cementitious Materials*	MortarLife Addition Rate
30 kg	50 ml
60 kg	100 ml
90 kg	150 ml

2. Suggested addition rates for mortar cement and masonry cement mortars:

Combined Cementitious Materials*	MortarLife Addition Rate
30 kg	25 ml
60 kg	50 ml
90 kg	75 ml

* Any combination of Portland cement, hydrated lime, or proprietary mortar or masonry cements.

Important note: Addition rates are to be used as a general guideline only. Regional differences in the manufacture of cementitious materials, and particularly in the manufacture of proprietary mortar and masonry cements may have a significant affect on the addition rate of MortarLife. Temperature, humidity, and other factors will also affect the addition rate for MortarLife. The addition rates shown in the tables assume a material and ambient temperature of 21°C. Lower temperatures generally require less

MortarLife additive and higher temperatures generally require more MortarLife. Addition rates are intended to provide a board life of 6 – 8 hours. Trial mixes are strongly recommended.

Mixing

Add approximately 1/3 of the sand, 100% of the cementitious materials, and sufficient water to produce a slurry. Add MortarLife in the recommended or field-tested dosage. Add remaining sand and then water to the desired consistency. Mix for 3 to 5 minutes to ensure a thorough mix of the MortarLife within the mortar. Follow applicable codes for cold weather requirements.

Technical information

Specific Gravity = 1.194

Relative Density = 1.19188

Testing: The testing of MortarLife must be completed by a recognized testing laboratory experienced in the testing of mortar treated with MortarLife. Contact Pre-Mix Mortar Supplies Ltd for a testing laboratory in your area.

Packaging

MortarLife is available in 4 litre (4.8 kg) pails and 187 litre (225 kg) drums.

Health and Safety

All precautions noted on the MortarLife Material Safety Data Sheet must be followed. In case of eye contact, flush eyes with a large amount of water for 15 minutes. If irritation persists consult a physician.

Storage

Protect containers from direct sunlight. Keep from freezing.

Warranty

MortarLife is warranted to be suitable for the intended purpose and material proved defective will be replaced. Although all our products are subject to rigid quality control tests, no expressed or implied warranty is made because satisfactory results depend not only upon product quality but also upon factors beyond our control. No distributors, dealers, salesmen or representatives have any authority to extend any guarantees beyond that outlined above or to waive the limitations of the seller's liability.

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