

**MORTAR MIX****PRODUCT DESCRIPTION**

Swan Grey Mortar and Swan Cream Mortar are well proportioned mixes of Swan GP Cement, Swan Marvelime and dried Bricklaying Sand. These M3 exposure classification mortars are designed to meet the stringent requirements of AS3700 Masonry Structures.

These mortars use the commonly adopted mix design of 1:1:6 and can be used for above ground brick construction anywhere in excess of 1km from a surf coast or 100m from a river or estuary. These mortars can also be used as a single coat render application either internally or externally. They are ready to use straight from the bag, you just add in the correct amount of water.

SUPPLY

Swan Grey Mortar and Swan Cream Mortar is available easy to handle 20kg bags from most retail hardware and building supply outlets.

SPECIFICATION

These products are designed to meet with AS3700 "Masonry Structures" requirements for M3 exposure mortars for use in excess of 1km of a surf coastline or in excess of 100m of a river or estuary zone.

APPLICATIONS

Swan Grey Mortar and Swan Cream Mortar are ideal for:

- Bricklaying
- Making Barebeques
- Letterboxes
- Can be used as an internal/external render

Limitations

- Do not use this product for concrete.
- Do not add any additional workability agents.
- Do not add any additional cement or sand as this will distort the required mix ratio.
- Over-watering these products will drastically reduce their potential strength & durability.
- Cannot be used for below ground applications.
- Should not be used within 1km of a surf coast or 100m of a river / estuary

DIRECTIONS FOR USE

1. Empty the bag into a wheelbarrow, onto a hard non-absorbent surface or mixer.
2. Add water gradually and mix thoroughly, a small water addition will result in a large workability change. Add only sufficient water to make a workable mix.
3. Mortar should only be applied to lightly dampened bricks and used immediately after mixing.
4. Do not retemper the mortar by adding water and remixing if the mortar in the barrow has begun to harden.
5. Mortar joints should be roll finished when the mortar is finger dry and setting has commenced.

SUGGESTED WATER ADDITION AND YIELD

Bag Size	Maximum Water	Bricks Per Bag (10mm joint)	Bags per 1000 bricks
20 kg	2.0 litre	25*	40*

*Bricks specified are common house bricks 230L x 110W x 76H

TYPICAL PROPERTIES

Approximate Mix Composition (parts by volume)	
Cement binder	: 1
Marvelime	: 1
Sand	: 6
Initial Set	90 mins
Final Set	240 mins
Flow	110mm (typical)
Water Retentivity	80% typical
Compressive Strength (AS1012.9) Maximum @ 28 Day	15 MPa

HANDLING AND STORAGE

Manual handling of bag products without due care and attention may result in personal injury. Unless you have been trained in manual handling methods it is suggested that you share the load with another person.

Swan Grey Mortar and Swan Cream Mortar can be kept for up to six months provided it is stored in a place, off the ground, protected from ingress of moisture. Ingress of moisture can occur due to rain, liquid spillage (on or around the product) or a high humidity climate. Such exposure will degrade the performance of the product.

**MORTAR MIX****SAFETY INFORMATION**

For safety information refer to the Safety Data Sheet for Swan Grey Mortar and Swan Cream Mortar.

CONTACT POINTS

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