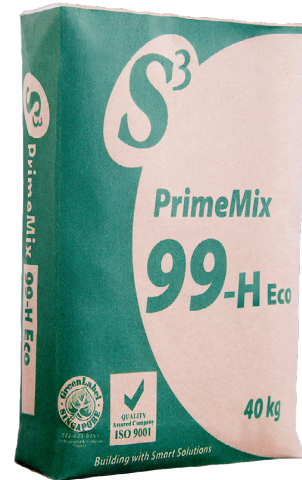


# PrimeMix 99-H Eco

## Cement - Based Premixed Mortar Plaster

**PrimeMix 99-H** is a premium quality pre-packed proprietary cement-sand mortar with excellent water-retention and workability properties. It is specially formulated with plasticizing additives to reduce shrinkage and to give a durable mortar with superior bonding strength. It is suitable for both interior and exterior applications.



### FIELDS OF APPLICATION

- Plastering to concrete surfaces and brickwalls
- Bricklaying and hollow-blocklaying
- Backing for wall tiles
- Non-structural repair and patching works
- Suitable for both interior and exterior applications.

### BENEFITS

- Consistent mix
- Convenient & easy to use
- Minimizes wastage
- Excellent workability
- Reduces shrinkage
- Eliminates cracks and debonding
- Uses less water
- Applicable for multiple wet trades

### TECHNICAL DATA (under laboratory conditions)

PROPERTY	TYPICAL RESULTS
Tensile Adhesion Strength @ 14 days BS EN 1015-12: 2000 (HDB test method)	Individual $\geq 0.60$ N / mm <sup>2</sup> Average $\geq 0.75$ N / mm <sup>2</sup>
Shear Adhesion Strength @ 14 days HDB test method	Individual $\geq 0.70$ N / mm <sup>2</sup> Average $\geq 1.00$ N / mm <sup>2</sup>
Compressive Strength @ 28 days BS EN 1015-11: 1999	12 - 20 N / mm <sup>2</sup>
Consistence Retentivity BS 4551: 2005 + A1: 2010	$\geq 65$ %
Water Retentivity BS 4551: 2005 + A1: 2010	$\geq 95$ %
Stiffening Time	1.0 N/mm <sup>2</sup> $\geq 240$ mins ; $\leq 360$ mins 2.0 N/mm <sup>2</sup> $\leq 500$ mins
Linear Shrinkage ASTM C531: 2000 (2005)	$\leq 0.10$ %
Working Yield	620 litres / MT
Mixing Ratio (by weight)	15 - 17%
Coverage	0.60 m <sup>2</sup> / kg /mm thickness

### SURFACE PREPARATION

- Surfaces to be rendered should be free of unsound material, oil, grease or other contaminants and should be pre-wetted lightly before plastering.
- Spatterdash/key coat (as recommended by BS 5362) is required for plastering on smooth concrete surfaces. The recommended mix for the spatterdash is 1 part cement and 1 1/2 to 2 parts clean coarse sand by volume. Ensure that the spatterdash is firmly bonded to the background before the base coat is applied.
- Drill in small hole on smooth surface to allow for a firm bond.
- Newly plastered surface must be allow to cure for at least 7 days before receiving tiling work.

### MIXING

- Add a 40 kg bag of **PrimeMix 99-H** to about 6.2 - 7.2 litres of water and mix well for about 3 to 5 minutes depending on the type of mixing equipment until the mortar has achieved a consistent workability. Ensure that the mix is homogenous and free of lumps.

### PLACING

- **PrimeMix 99-H** is applied onto surfaces using a hand trowel up to a maximum total thickness of 20mm. The maximum total thickness is made up to a base coat and a final coat.
- It is recommended that the base coat be lightly scratched after it is firm and allowed to cure for at least 12 hours before the application of the final coat.
- Before applying the final coat, the base coat must be brushed down to remove any dust and loose material.

### DISCLAIMER

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#### PRECAUTIONS

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- Avoid eye and skin contact as the product is alkaline.
- Gloves, goggles and dust mask should be worn.
- Avoid inhalation of dust during mixing.
- Wash thoroughly after handling.
- In case eye contact, flush with plenty of clean water.  
Seek medical help immediately.

#### PACKAGING & STORAGE

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**PrimeMix 99-H** is supplied in 40 kg bags and has a shelf life of 12 months if stored in a cool and dry place in sealed packaging with sheltered protection from rain and sunlight.

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