

PRODUCT GUIDE



www.singhamortar.com



SINGHA MORTAR

“FRESH MORTAR...STRONGER MORTAR”

WHITE CLOUD CO., LTD.

▶ Established in 1996 (B.E. 2539)

▶ Produce more than 480,000 ton / year

▶ From trust and wide acceptance in the mortar

▶ Guarantee by Green Industry standard and ISO 9001 : 2015

VISION

The Company has strong determination to be the best one in the customers mind in the mortar manufacturing and distribution business. Products and service under international standard quality are always provided to enhance a true acceptance from the property and construction business, and to serve all facets of demand of customers so that they feel impressive in all of products delivered.

MISSION

The Company formulates the policy on development of product research, product manufacturing, and service to offer its superior products and service. The Company also pays attention to all of its stakeholders by providing the good environment at workplace under the relevant industrial standard.

FRESH MORTAR

Quality and freshness It is the heart of "Singha Mortar"
We care about every step from the selection of fresh ingredients. For the best quality mortar the product must be sent immediately to the user. Because of the freshness of mortar is the strength that everyone wants.

RESEARCH RESULTS ON CEMENT FRESHNESS

From International Journal of Innovative Research in Science
Engineering and Technology

- ▶ During 1 month, strength has been decreasing approximately 15-20 percent
- ▶ if mortar was stored in an open area, such strength would be more declining
- ▶ Strength of mortar would be deteriorating up to the length of mortar storage
- ▶ it would drop to 30-50 percent within 3-6 months

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CORE VALUE

1

FAST ONE



One-Day Product Delivery*



One-Day Problem Solution



One-Day Price Quotation



One-Day Sample Delivery

*Note: Delivery within 1 day in

2

STANDARD RAW MATERIALS



CEMENT

Every bag of Singha Mortar is produced from portland cement TISI 15 - 2555 Type 1 and American ASTM C-150 Type 1 with a specific qualification in high compressive strength.

SAND

Singha Mortar consists of the bank sand from the standard sources of Thailand ,which is so solid and durable to erosion, weather condition, and chemicals mixed in the mortar.

Calcium Carbonate (CaCO_3)

Singha Mortar uses calcium from No. 1 calcium production source of Thailand. It is made from limestone with permeability at 325 MeSH, off-white and bright for 95%, 99% calcium carbonate.

3

DOCTOR MORTAR



SUPPORT

Give a warm advice to each customer since the first site visit

TRAINING

Making an appointment for his/her training date promptly

QUICKNESS

Technical service channels via phone, website, and on-site

CARE

Regularly monitors the work of each "Singha Mortar" customer

4

QC PASS



Singha Mortar QC PASS sign to guarantee that such project is free of problems by Doctor mortar





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Singha Bricklaying Mortar

Used for bricklaying the claybrick, concrete block, white brick and chimney block

- Consisting of Portland cement Type 1 TIS-15-1-2555
- High adhesive-compressive strength capabilities
- Strength at 28 days more than 13 MPa*

Code	Weight	Water Ratio
SM01	40 kg	6-6.5 L / bag

Estimated area coverage (Sq m./bag)

- Laying claybrick with thickness 1 cm covers 1 Sq m. area
- Laying concrete block with thickness 1 cm covers 2.1 Sq m. area
- Laying white brick with thickness 1 cm covers 1.9 Sq m. area

STANDARD : TIS.598-2547



Singha Light-weight Block Laying Mortar

Used for bricklaying all kinds of Light-weight block

- Consisting of Portland cement Type 1 TIS-15-1-2555
- High adhesive-compressive strength capabilities
- Bricklaying with thickness 2-3 mm . Saving work cost
- Strength at 28 days more than 9 MPa*

Code	Weight	Water Ratio
SM02	40 kg	10.5-12.5 L / bag

Estimated area coverage (Sq m./bag)

- Light-weight block size 7.5 cm, covers 25-26 Sq m. area for bricklaying with thickness 2-3 mm.

TEST STANDARD : TIS.2706-2559



Singha Light-weight Block Laying Mortar 5 Stars

Used for bricklaying all kinds of Light-weight block with premium quality

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Very High adhesive-compressive strength capabilities
- Bricklaying with thickness 2-3 mm . Saving work cost
- Strength at 28 days more than 13 MPa*

Code	Weight	Water Ratio
SM03	40 kg	10-10.5 L / bag

Estimated area coverage (Sq m./bag)

- Light-weight block size 7.5 cm, covers 25-26 Sq m. area for bricklaying with thickness 2-3 mm.

TEST STANDARD : TIS.2706-2559

NOTE : Laboratory tests



Bricklaying



Light-weight Block Laying



PLASTERING MORTAR



Singha Plastering mortar

Used for plastering claybrick, concrete block, white brick

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Enhance soft-touch plastering workability easy for technician
- Strength at 28 days more than 9 MPa*

Code	Weight	Water Ratio
SP01	40 kg	8-8.8 L / bag
Estimated area coverage (Sq m/bag)		
Plastering with Thickness 1 cm covers 2.4 Sq m.		

STANDARD : TIS.1776-2542



Singha Concreted plastering mortar

Used for plastering concrete surface structures, column, beam

- Consisting of Portland cement Type 1 TIS-15-1-2555
- High adhesive to concrete surface
- Enhance soft-touch plastering workability easy for technician
- Strength at 28 days more than 6 MPa*

Code	Weight	Water Ratio
SP02	40 kg	8-9 L / bag
Estimated area coverage (Sq m/bag)		
Plastering with Thickness 1 cm. covers 2.5 Sq m.		

STANDARD : TIS.1776-2542



Singha Light-weight block plastering mortar

Used for plastering all kinds of Light-weight block

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Enhance soft-touch plastering workability easy for technician
- Strength at 28 days more than 4 MPa*

Code	Weight	Water Ratio
SP03	40 kg	8-8.8 L / bag
Estimated area coverage (Sq m/bag)		
Plastering with Thickness 1 cm covers 2.5-2.7 Sq m.		

STANDARD : TIS.2735-2559



NOTE : Laboratory tests



Claybrick Plastering



Light-weight block plastering





Singha Light weight block Fine plastering mortar

Used for smooth and fine plastering all kinds of Light-weight block

- Consisting of Portland cement Type 1 TIS-15-1-255
- Fine-smooth finishing surface
- Enhance soft-touch plastering workability easy for technician
- Strenght at 28 days more than 4 MPa*

Code	Weight	Water Ratio
SP03F	40 kg	8.5-9 L / bag
Estimated area coverage (Sq m./bag)		
Plastering with Thickness 1 cm covers 2.5-2.8 Sq m.		

STANDARD : TIS.2735-2559



Singha Light weight block plastering mortar with Premium Quality

Used for plastering all kinds of Light-weight block, Premium Quality

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Used Flexible nano technology to increased bonding strength in mortar reduce cracks
- Strenght at 28 days more than 4 MPa*

Code	Weight	Water Ratio
SP03P	40 kg	8.5-9 L / bag
Estimated area coverage (Sq m./bag)		
Plastering with Thickness 1 cm covers 2.5-2.8 Sq m.		

STANDARD : TIS.2735-2559



Singha Light weight block plastering mortar with Platinum Quality

Used for plastering all kinds of Light-weight block, Platinum Quality

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Used Fiber nano technology to increased bonding strength in mortar reduce cracks
- Enhance soft-touch plastering workability easy for technician
- Fine-smooth finishing surface
- Strenght at 28 days more than 4 MPa*

Code	Weight	Water Ratio
SP03T	40 kg	9.5-10.2 L / bag
Estimated area coverage (Sq m./bag)		
Plastering with Thickness 1 cm covers 2.8-3 Sq m.		

STANDARD : TIS.2735-2559



NOTE : Laboratory tests



Light-weight block plastering



Singha ECO Tile adhesive

Used for general/low absorbent tiles with size up to 40x40, Clay tile

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Easy to tile and no slip
- Suitable for interior and exterior use on floors and walls

Code	Weight	Water Ratio
ST01E	20 kg	4.6-4.8 L / bag
Estimated area coverage (Sq m./bag) for each size of trowel		
- 3x3 mm cover 7-8 Sq m. - 6x6 mm cover 5-6 Sq m. - 10x10 mm cover 2-3 Sq m.		

TEST STANDARD : EN 12004:2007



Singha Standard Tile adhesive

Used for general/low absorbent tiles with size up to 60x60, Granito tile Clay tile

- Consisting of Portland cement Type 1 TIS-15-1-2555
- High adhesive and bonding strength
- Excellent initial setting time
- Suitable for interior and exterior use on floors and walls
- Area suitable for use after 1 day

Code	Weight	Water Ratio
ST01	20 kg	4.6-4.8 L / bag
Estimated area coverage (Sq m./bag) for each size of trowel		
- 3x3 mm cover 7-8 Sq m. - 6x6 mm cover 5-6 Sq m. - 10x10 mm cover 2-3 Sq m.		

TEST STANDARD : EN 12004:2007



Singha High Quality Tile adhesive

Used for ceramic tiles in 60x60 upper, Granito tile, Granite, Marble Natural stone, Clay tiles, Used for swimming pool tiles

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Very High adhesive and excellent bonding strength
- Excellent initial setting time
- Suitable for interior and exterior use on floors and walls
- Area suitable for use after 1 day

Code	Weight	Water Ratio
ST02	20 kg	4.6-4.8 L / bag
Estimated area coverage (Sq m./bag) for each size of trowel		
- 3x3 mm cover 7-8 Sq m. - 6x6 mm cover 5-6 Sq m. - 10x10 mm cover 2-3 Sq m.		

TEST STANDARD : EN 12004:2007



Singha Super Glue

Used for ceramic tiles with XXL size , tile on tile. Also attach with many materials ex. concrete wall Foam board and steel

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Used for ceramic tiles with XXL size
- Tile on tile
- Also attach with many materials
- Suitable for interior and exterior use on floors and walls
- Area suitable for use after 1 day

Code	Weight	Water Ratio
SG01	20 kg	5-5.3 L / bag
Estimated area coverage (Sq m./bag) for each size of trowel		
- 3x3 mm cover 7-8 Sq m. - 6x6 mm cover 5-6 Sq m. - 10x10 mm cover 2-3 Sq m.		

TEST STANDARD : EN 12004:2007

FLOOR LEVELING MORTAR



Singha Floor Leveling Mortar

Used for leveling the concrete floor surface before decorations material

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Providing flow ability
- High early and later compressive strength
- Strength at 28 days more than 11 MPa*

Code	Weight	Water Ratio
SL01	40 kg	6.5-7.2 L / bag
Estimated area coverage (Sq m./bag)		
Leveling with Thickness 3-5 cm covers 0.7-0.8 Sq m.		

TEST STANDARD : ASTM International Standard

SKIM COAT MORTAR



Singha Grey Skim Coat

Used for skimcoat plastering with grey color

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Help to fix the small hole, hair crack, and coarse plastering surface
- High adhesive and bonding strength
- Suitable for interior and exterior use
- Improved bonding to the base coat
- Strength at 28 days more than 4 MPa*

Code	Weight	Water Ratio
SK01	20 kg	7.8-8.4 L / bag
Estimated area coverage (Sq m./bag)		
Plastering with Thickness 1-2 mm covers 20-25 Sq m.		

TEST STANDARD : ASTM International Standard



Singha White Skim Coat

Used for skimcoat plastering with white color

- Consisting of Masonry cement Type S TIS-133-2556
- Help to fix the small hole, hair crack, and coarse plastering surface
- High adhesive and bonding strength
- Suitable for interior and exterior use
- Improved bonding to the base coat
- Strength at 28 days more than 5 MPa*

Code	Weight	Water Ratio
SK02	20 kg	8.4-8.9 L / bag
Estimated area coverage (Sq m./bag)		
Plastering with Thickness 1-2 mm covers 20-25 Sq m.		

TEST STANDARD : ASTM International Standard

NOTE : Laboratory tests



Floor Leveling



Grey Skim Coat



White Skim Coat

TILE GROUT MORTAR



Singha Standard Tile Grout

Used for tile grout interior and exterior use with 1-7 mm. joint width.

- Consisting of Portland cement Type S, special additives
- Increase adhesion force and reduce peeling
- Long lasting
- Can be used on both floors and walls
- Suitable for interior and exterior use
- non-toxic

Code	Weight	Water Ratio
SY01	1 kg	350 ml / bag
Estimated area coverage (Sq m./bag)		
4.5-5 Sq m.		



JOINTING MORTAR

Singha Fiber Coat

Used for jointing on fiber cement board , Precast panel and Also apply to Cement , Concrete wall , Foam board and Steel.

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Plastering on Multi-surface
- Flexible and Resistance to vibrate
- Very easy to polish
- Strenght at 28 days more than 5 MPa*

Code	Weight	Water Ratio
SF01	3 kg	5-5 1/2 cup / gallon
Estimated area coverage (Sq m./gallon)		
Plastering with Thickness 1-2 mm covers 4-4.5 Sq m.		

TEST STANDARD : ASTM International Standard



Singha Light-Weight Coat

Used for jointing on light-weight panel and also apply to Cement , Concrete wall , Foam board and Steel.

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Quality grading sand
- Plastering on Multi-surface
- Flexible and Resistance to vibrate
- Very easy to polish
- Strenght at 28 days more than 14 MPa*

Code	Weight	Water Ratio
SC01	3 kg	3-3 1/4 cup / gallon
Estimated area coverage (Sq m./gallon)		
Plastering with Thickness 1-2 mm covers 2.1 Sq m.		

TEST STANDARD : ASTM International Standard



Jointing Fiber Cement Board



Singha Water Seal

Used for waterproof coating in various areas, e.g. roof, deck, terrace bathroom, swimming pool, fish pond, water storage, water tank, elevator pits tunnel, basement, and sun deck to build the sky garden.

- Consisting of Portland cement Type 1 TIS-15-1-2555
- Quality grading sand
- Flexible and Resistance to vibrate
- High adhesive and bonding strength
- Resistant to high water pressure
- Used for both interior and exterior works
- Free of toxin

Code	Weight	Water Ratio
SW01	4 kg	2.5-2.7 kg / L
Estimated area coverage (kg / Sq m.)		
1-1.5 kg / Sq m. for 2 layers		

BOOSTER POWDER



Singha Booster Powder SB01

Mix it up! with plastering cement.

- Improve adhesive and bonding strength.
- Improve plastering work ability, soft-touch and smooth.
- Reduce crack problem.
- Reduce and save usage of mixed cement.

Code	Weight	Sand Ratio
SB01	0.5 kg.	2.5 : 1



Singha Booster Powder SB02

Mix it up! with lightweight block plastering cement.

- Improve adhesive and bonding strength.
- Improve plastering work ability, soft-touch and smooth.
- Reduce crack problem.
- Reduce and save usage of mixed cement.

Code	Weight	Sand Ratio
SB02	0.5 kg.	2.5 : 1



Singha Booster Powder SB03

Mix it up! with lightweight block bricklaying cement.

- Improve the properties of cement to be bricklaying cement for lightweight block.
- Improve adhesive and bonding strength.

Code	Weight	Sand Ratio
SB03	1 kg.	2 : 1



LPN : Lumpini Ville, Onnut-Pattanakarn



Golden Land : The Grand Rama 2



Amata Spring Country Club



JSP : Sampeng 2, Sathorn-Kalapapruek



OUR CUSTOMERS

- LPN : LUMPINI PLACE,RATCHAYOTHIN
- LPN : LUMPINI PLACE, RAMA4-RATCHADAPHISEK
- LPN : LUMPINI PLACE, SRINAKARIN-HUA MARK STATION
- LPN : LUMPINI VILLE, LASALLE-BEARING
- SANSIRI : SETTHASIRI, CHAIYAPRUEK-CHANGWATTANA
- SANSIRI : TOWN PLUS X, PRACHACHUEN
- SANSIRI : SETTHASIRI, KRUNG THEP KRITHA
- SANSIRI : NARASIRI, BANGNA
- ANANDA : ATOLL WAIKIKI SHONE, RAMA9-KRUNG THEP KRITHA
- ANANDA : ATOLL MALDIVES PALM, BANGNA-WONGWAEN
- ANANDA : ATOLL LANTA RESORT LIFE, BANGNA-WONGWAEN
- JSP : TULIP SQUARE, OMNOI
- JSP : THE MIAMI, BANGPU
- THEP SAT SATHIT BUILDING, KASETSART UNIVERSITY
- THE EMERALD HILL HUAHIN
- SUMMIT PINEHURST GOLF CLUB
- LALIN : LANCEO CRIB, RATTHANATHIBET-BANGYAI
- NORWICH INTERNATIONAL SCHOOL RAMA2
- ITHAFUSHI ISLAND RESORT, MALDIVES



Number One Development : Blue Lagoon 2, Bangna-Wongwan



Sansiri : Setthasiri, Chaengwattana-Prachachuen



SINGHA MORTAR

FRESH MORTAR...STRONGER MORTAR



Recycle Packaging

All packaging is polypropylene plastic bag of Singha Mortar brand. Good carry weight and moisture protection. Can be brought back to be used in a variety of applications

Storage

Keep the product in a closed, clean, dry area. For the best quality of use.

Caution

- Keep out of reach of children
- Cement may cause injury to skin or eyes. Use of rubber gloves, dust masks, eye protection, and other safety equipment is recommended
- If contact with eyes flush immediately with water
- Avoid contact with skin



PRODUCED BY WHITECLOUD CO.,LTD.
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